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BELDEN

 **General Cable**

TAPPAN
Wire & Cable Inc.

WEST PENN WIRE

Section 5 Security Low-voltage Cable

Belden New Generation	5.2–5.34
Standard Security Cable	5.36–5.46



Anything Else Is a Breach of Security.

To ensure optimum security installation performance, be sure to use the watchdog of the industry: Belden® New Generation® cables.

A system failure, or interruption of signal, can be a catastrophic occurrence in any security installation. That's why you need Belden New Generation cables, a product line recognized the world over for its quality and reliability.

The New Generation line also represents one of the largest, most economical and up-to-date selections of multi-conductor and coaxial products on the market today: a full complement of cables for access control, CCTV, computer interconnect, alarm, fire alarm and other security applications — complete with water-blocked options for installation in intermittently wet environments.

New Generation cables also offer installer-friendly features such as:

- NEC riser and plenum rated; UL and C(UL) listed as applicable.
- A unique composite cable design, Access Control Banana Peel® strips away installation time and labor.
- Rip cords for easy jacket removal and sequential footage markings on the jacket to eliminate guesswork and waste.

For space savings and to help eliminate waste, many product codes also are available with Belden's new Belcoil® packaging — a revolutionary new tangle-proof packaging concept.

So look to the top dog. Look to Belden for your next security installation.

Call **1.800.BELDEN.1**
Or go to Belden's Website
for more information, at
www.belden.com



BELDEN
SENDING ALL THE RIGHT SIGNALS®

Security Low-voltage Cable

Belden New Generation

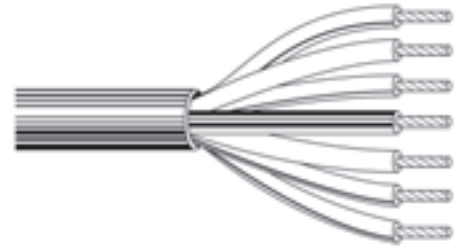
Riser Unshielded CMR/CL3R

BELDEN

Power limited circuit and communications cable for use in riser and conduit. For use in remote control, signaling, security systems, communications, intercom/P.A. systems, speaker, sound, audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. JACKET: Gray PVC with rip cord. Speaker cable constructions available in additional colors
4. STANDARDS: NEC: CMR (22-16 AWG), CL3R (14-12 AWG)
5. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5000UE	12	19x25	2	0.011	0.015	0.260	54
B5001UE	12	19x25	3	0.011	0.017	0.277	79
B5100UE	14	19x27	2	0.011	0.017	0.226	37
B5101UE	14	19x27	3	0.011	0.017	0.232	53
B5102UE	14	19x27	4	0.011	0.017	0.266	69
B5200UE	16	19x29	2	0.007	0.017	0.176	23
B5201UE	16	19x29	3	0.007	0.017	0.187	35
B5202UE	16	19x29	4	0.007	0.017	0.205	44
B5205UE	16	19x29	7	0.007	0.018	0.249	73
B5320UE	18	Solid	2	0.007	0.017	0.143	16
B5300UE	18	7x26	2	0.007	0.017	0.152	16
B5321UE	18	Solid	3	0.007	0.017	0.151	22
B5301UE	18	7x26	3	0.007	0.017	0.161	23
B5322UE	18	Solid	4	0.007	0.017	0.166	28
B5302UE	18	7x26	4	0.007	0.017	0.179	30
B5303UE	18	7x26	5	0.007	0.017	0.193	38
B5304UE	18	7x26	6	0.007	0.017	0.211	44
B5305UE	18	7x26	7	0.010	0.015	0.226	47
B5306UE	18	7x26	8	0.008	0.018	0.241	57
B5307UE	18	7x26	9	0.007	0.018	0.249	62
B5308UE	18	7x26	10	0.007	0.018	0.272	70
B5309UE	18	7x26	12	0.007	0.018	0.281	65
B530BUE	18	7x26	20	0.010	0.025	0.400	141
B5400UE	20	7x28	2	0.007	0.017	0.134	13
B5401UE	20	7x28	3	0.007	0.017	0.142	18
B5402UE	20	7x28	4	0.007	0.017	0.155	21
B5403UE	20	7x28	5	0.007	0.017	0.169	26
B5405UE	20	7x28	7	0.007	0.018	0.186	34
B5406UE	20	7x28	8	0.007	0.018	0.202	38
B5407UE	20	7x28	9	0.007	0.017	0.217	45
B5408UE	20	7x28	10	0.010	0.015	0.254	46
B5409UE	20	7x28	12	0.010	0.015	0.262	62
B540BUE	20	7x28	20	0.010	0.025	0.347	110
B5520UE	22	Solid	2	0.007	0.017	0.114	8
B5500UE	22	7x30	2	0.007	0.017	0.118	9

Belden New Generation

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5501UE	22	7x30	3	0.007	0.017	0.124	12
B5522UE	22	Solid	4	0.010	0.017	0.130	16
B5582UE	22	Solid	4	0.010	0.017	0.130	12
B5502UE	22	7x30	4	0.007	0.015	0.135	15
B5503UE	22	7x30	5	0.010	0.015	0.162	20
B5524UE	22	Solid	6	0.010	0.015	0.168	22
B5504UE	22	7x30	6	0.007	0.017	0.160	20
B5526UE	22	Solid	8	0.010	0.015	0.182	28
B5506UE	22	7x30	8	0.008	0.015	0.183	30
B5508UE	22	7x30	10	0.010	0.015	0.226	34
B5529UE	22	Solid	12	0.010	0.015	0.221	42
B5509UE	22	7x30	12	0.007	0.018	0.210	36

Security Low-voltage Cable

Belden New Generation

Riser Shielded CMR/CL3R

BELDEN

Power limited circuit and communications cable for riser and conduit. For use in remote control, signaling, security systems, communications, intercom/P.A. systems, sound/audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. SHIELDING: Beldfoil shield applied overall with a drain wire
4. JACKET: Gray polyvinyl chloride (PVC) with rip cord
5. STANDARDS: NEC: CMR (22-16 AWG), CL3R (14-12 AWG), and FPLR (2C 12 AWG and 2C 14 AWG) when jacket is red
6. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5000FE	12	19x25	2	0.014	0.017	0.264	59
B5100FE	14	19x27	2	0.011	0.017	0.222	38
B5101FE	14	19x27	3	0.014	0.015	0.253	53
B5200FE	16	19x29	2	0.007	0.017	0.180	31
B5201FE	16	19x29	3	0.007	0.017	0.191	36
B5202FE	16	19x29	4	0.007	0.017	0.209	46
B5320FE	18	Solid	2	0.010	0.015	0.155	18
B5300FE	18	7x26	2	0.007	0.017	0.156	19
B5301FE	18	7x26	3	0.007	0.017	0.165	26
B5302FE	18	7x26	4	0.007	0.017	0.180	32
B5303FE	18	7x26	5	0.007	0.017	0.197	39
B5304FE	18	7x26	6	0.007	0.017	0.215	45
B5305FE	18	7x26	7	0.010	0.015	0.230	52
B5306FE	18	7x26	8	0.007	0.018	0.235	60
B5307FE	18	7x26	9	0.007	0.018	0.254	64
B5400FE	20	7x28	2	0.007	0.017	0.138	14
B5421FE	20	Solid	3	0.010	0.015	0.146	18
B5401FE	20	7x28	3	0.010	0.017	0.145	19
B5402FE	20	7x28	4	0.007	0.017	0.159	23
B5403FE	20	7x28	5	0.007	0.017	0.172	28
B5405FE	20	7x28	7	0.007	0.018	0.189	36
B5407FE	20	7x28	9	0.007	0.018	0.220	45
B5520FE	22	Solid	2	0.007	0.017	0.118	10
B5500FE	22	7x30	2	0.007	0.017	0.121	11
B5521FE	22	Solid	3	0.010	0.015	0.132	12
B5501FE	22	7x30	3	0.007	0.017	0.127	15
B5502FE	22	7x30	4	0.007	0.017	0.139	18
B5503FE	22	7x30	5	0.007	0.017	0.157	22
B5504FE	22	7x30	6	0.007	0.017	0.164	29
B5506FE	22	7x30	8	0.007	0.018	0.179	32
B5508FE	22	7x30	10	0.010	0.015	0.230	36

Belden New Generation

CM Unshielded

BELDEN

Power limited circuit and communications cable use in conduits.

For use in remote control, signaling, security systems, communications, intercom/P.A. systems, speaker, sound, audio and nurse call.



SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Polypropylene (PP)
3. JACKET: Polyvinyl chloride (PVC) in colors, with rip cord
4. STANDARDS: NEC: CM
5. TEMPERATURE: 75°C

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5300UG	18	7x26	2	0.006	0.015	0.148	17
B5500UG	22	Solid	2	0.006	0.015	0.114	9
B5582UG	22	Solid	4	0.006	0.015	0.122	13
B5502UG	22	7x30	4	0.006	0.015	0.131	13

Riser Specialty Composites CMR

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Bare copper
2. INSULATION: Polyvinyl chloride (PVC)
3. SHIELDING: Beldfoil
4. JACKET: Gray polyvinyl chloride (PVC) with rip cord
5. STANDARDS: NEC: CMR; CEC: CMG, FT4
6. VOLTAGE RATING: 300 V
7. TEMPERATURE: 75°C



Shorting Fold

APPLICATIONS

For use in security systems, communications, intercom/P.A. systems, sound/audio systems and power-limited controls.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5302GE	18	1 STP + 2C	7x26	0.010	0.015	0.225	37
B5401GE	20	1 STP + 1C	7x28	0.010	0.015	0.196	23
B5402GE	22	1 STP + 2C	7x30	0.010	0.015	0.200	26
B5501GE	22	1 STP + 2C	7x30	0.010	0.015	0.171	16
B5502GE	22	1 STP + 2C	7x30	0.007	0.017	0.152	19

Security Low-voltage Cable

Belden New Generation

Riser Pairs Unshielded CMR

BELDEN

Bare copper conductors, PVC insulation. Conductors twisted into pairs, multiple pairs cabled together, gray PVC jacket with rip cord. Sequential footage marking every two feet.

SPECIFICATIONS

1. CONDUCTOR: Bare copper
2. INSULATION: Polyvinyl chloride (PVC)
3. JACKET: Gray polyvinyl chloride (PVC) with rip cord
4. STANDARDS: NEC: CMR; CEC: CMG, FT4
5. VOLTAGE RATING: 300 V
6. TEMPERATURE: 75°C



APPLICATIONS

For use with security systems, intercom/PA. systems, sound/audio systems, and power-limited controls.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Pairs	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5341UE	18	7x26	2	0.010	0.015	0.266	32
B5342UE	18	7x26	3	0.010	0.015	0.283	45
B5343UE	18	7x26	4	0.010	0.018	0.320	58
B5345UE	18	7x26	6	0.010	0.018	0.362	85
B5347UE	18	7x26	9	0.010	0.020	0.434	140
B5308UE	18	7x26	10	0.010	0.025	0.400	141
B5541UE	22	7x30	2	----	0.017	0.185	19
B5542UE	22	7x30	3	0.010	0.015	0.220	22
B5543UE	22	7x30	4	0.010	0.015	0.243	31
B5547UE	22	7x30	9	0.010	0.020	0.334	70

Belden New Generation

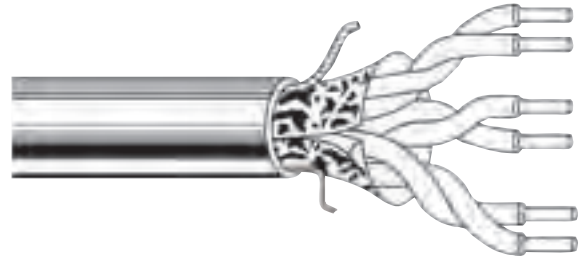
Riser Pairs Shielded CMR

BELDEN

Bare copper conductors, PVC insulation. Conductors twisted into pairs, multiple pairs cabled together, overall Beldfoil shield (foil side out) and drain wire, overall gray PVC jacket with rip cord. Sequential footage marking every two feet.

SPECIFICATIONS

1. CONDUCTOR: Bare copper
2. INSULATION: Polyvinyl chloride (PVC)
3. SHIELDING: Beldfoil shield applied overall with a drain wire
4. JACKET: Gray polyvinyl chloride (PVC) with rip cord
5. STANDARDS: NEC: CMR; CEC: CMG, FT4
6. VOLTAGE RATING: 300 V
7. TEMPERATURE: 75°C



APPLICATIONS

Power limited circuit and communications cable for riser and conduit. For use in remote control, signaling, security systems, communications, intercom/PA. systems, sound/audio and nurse call.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Pairs	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5341FE	18	7x26	2	0.007	0.017	0.250	36
B5342FE	18	7x26	3	0.010	0.015	0.275	48
B5343FE	18	7x26	4	0.010	0.015	0.318	68
B5345FE	18	7x26	6	0.010	0.020	0.373	87
B5441FE	20	7x28	2	0.010	0.015	0.235	26
B5442FE	20	7x28	3	0.010	0.015	0.252	34
B5445FE	20	7x28	6	0.010	0.020	0.323	70
B5561FE	22	Solid	2	0.010	0.017	0.182	22
B5541FE	22	7x30	2	0.010	0.017	0.189	23
B5562FE	22	Solid	3	0.007	0.017	0.193	28
B5542FE	22	7x30	3	0.010	0.015	0.223	29
B5543FE	22	7x30	4	0.010	0.015	0.246	34
B5545FE	22	7x30	6	0.007	0.018	0.253	43

Security Low-voltage Cable

Belden New Generation

Riser Specialty/Thermostat and Control CMR

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Datalene (FFEP)
3. SHIELDING: AL foil-polyester tape (Beldfoil), 100% coverage
4. JACKET: Polyvinyl chloride (PVC)
5. STANDARDS: NEC: CMR, UL Listed
6. TEMPERATURE: 75°C



APPLICATIONS

For use in thermostat and control applications.

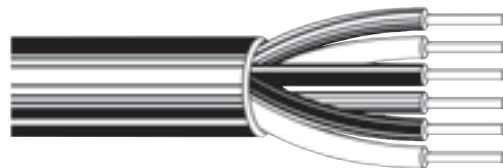
Anixter No.	Conductor Size AWG	Conductor Strand	No. of Pairs	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5340FT	18	7x26	1	0.260	34
B5341PT	18	7x26	2	0.308	58
B5540FT	22	7x30	1	0.172	13
B5541PT	22	7x30	2	0.202	23
B5660FT	24	Solid	1	0.138	9

Commercial Audio/Sound/Nurse Call Systems

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Polypropylene (PP)
3. JACKET: Polyvinyl chloride (PVC)
4. STANDARDS: NEC: CM, UL Listed
5. TEMPERATURE: 75°C



APPLICATIONS

For use with sound, intercom and nurse call systems.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5662UG	24	Solid	6 (3 pair)	0.035	0.016	0.172	16
B5624UG	24	Solid	6	0.065	0.024	0.081 x 0.246	18
B5626UG	24	Solid	8	0.065	0.030	0.093 x 0.324	29

Security Low-voltage Cable

Belden New Generation

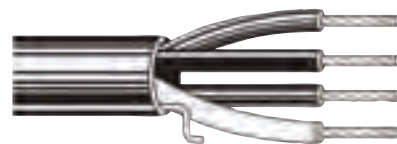
Commerical Audio Systems/High-strand Speaker Cable CM

BELDEN

Power limited circuit and communications cable for use in speaker systems.

SPECIFICATIONS

1. CONDUCTOR: High-strand bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP), 6T00UP insulated with Flam arrest
3. JACKET: Polyvinyl chloride (PVC) in colors with rip cord
4. STANDARDS: NEC: CM (16 -18 AWG), CL3 (14-12 AWG), CL2 audio use only (B5T00UP), CL2P audio use only (B6T00UP)
5. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5T00UP	10	65x28	2	0.020	0.026	0.356	95
B5000UP	12	65x30	2	0.020	0.018	0.302	64
B5002UP	12	65x30	4	0.020	0.018	0.357	120
B5100UP	14	42x30	2	0.020	0.015	0.260	43
B5102UP	14	65x34	4	0.020	0.018	0.313	82
B5200UP	16	65x34	2	0.015	0.015	0.208	28
B5202UP	16	65x34	4	0.015	0.015	0.244	51
B5300UP	18	42x34	2	0.015	0.015	0.184	20
B5302UP	18	42x34	4	0.015	0.015	0.216	37
B6T00UP	10	65x28	2	0.011	0.015	0.308	85

Security Low-voltage Cable

Belden New Generation

Plenum Unshielded CMP/CL2P

BELDEN

Power limited circuit and communications cable for riser or plenum applications. For use in remote control, signaling, security systems, communications, intercom/P.A. systems, speaker, sound, audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Flamarrest
3. JACKET: Natural Flamarrest with rip cord. Speaker cable constructions available in additional colors
4. STANDARDS: NEC: CMP (22-16 AWG), CL2P (14-12 AWG)
5. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6000UE	12	19x25	2	0.010	0.015	0.252	55
B6001UE	12	19x25	3	0.011	0.015	0.273	83
B6002UE	12	19x25	4	0.010	0.018	0.304	105
B6100UE	14	19x27	2	0.010	0.015	0.218	38
B6101UE	14	19x27	3	0.010	0.015	0.232	56
B6102UE	14	19x27	4	0.010	0.015	0.257	69
B6200UE	16	19x29	2	0.008	0.015	0.176	26
B6201UE	16	19x29	3	0.008	0.015	0.187	36
B6202UE	16	19x29	4	0.009	0.015	0.206	48
B6320UE	18	Solid	2	0.009	0.015	0.147	17
B6300UE	18	7x26	2	0.008	0.015	0.154	18
B6321UE	18	Solid	3	0.009	0.015	0.156	24
B6301UE	18	7x26	3	0.008	0.015	0.163	25
B6322UE	18	Solid	4	0.009	0.015	0.171	30
B6302UE	18	7x26	4	0.008	0.015	0.180	35
B6303UE	18	7x26	5	0.009	0.015	0.203	40
B6304UE	18	7x26	6	0.008	0.015	0.216	45
B6306UE	18	7x26	8	0.008	0.015	0.235	58
B6307UE	18	7x26	9	0.009	0.015	0.262	68
B6308UE	18	7x26	10	0.008	0.015	0.278	75
B6309UE	18	7x26	12	0.008	0.020	0.287	86
B6400UE	20	7x28	2	0.008	0.015	0.134	13
B6401UE	20	7x28	3	0.009	0.015	0.146	18
B6402UE	20	7x28	4	0.008	0.015	0.156	23
B6406UE	20	7x28	8	0.009	0.015	0.209	43
B6520UE	22	Solid	2	0.009	0.015	0.118	9
B6500UE	22	7x30	2	0.008	0.015	0.120	9
B6521UE	22	Solid	3	0.009	0.015	0.125	13
B6501UE	22	7x30	3	0.009	0.015	0.131	13
B6522UE	22	Solid	4	0.009	0.015	0.136	16
B6502UE	22	7x30	4	0.008	0.015	0.139	16
B6524UE	22	Solid	6	0.009	0.015	0.162	23
B6504UE	22	7x30	6	0.008	0.015	0.165	22
B6506UE	22	7x30	8	0.009	0.015	0.186	31
B6508UE	22	7x30	10	0.009	0.015	0.218	37
B6509UE	22	7x30	12	0.008	0.015	0.217	40

Belden New Generation

Plenum Shielded CMP/CL2P

BELDEN

Power limited circuit and communications cable for plenum applications. For use in remote control, signaling, security systems, communications, intercom/P.A. systems, sound/audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Flamarrest
3. SHIELDING: Beldfoil shield applied overall with a drain wire
4. JACKET: Natural Flamarrest with rip cord
5. STANDARDS: NEC: CMP (22-16 AWG), CL2P (14-12 AWG)
6. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6000FE	12	19x25	2	0.011	0.015	0.260	68
B6100FE	14	19x27	2	0.011	0.015	0.220	51
B6101FE	14	19x27	3	0.011	0.015	0.234	66
B6200FE	16	19x29	2	0.009	0.015	0.184	33
B6201FE	16	19x29	3	0.009	0.015	0.195	39
B6202FE	16	19x29	4	0.009	0.015	0.215	55
B6320FE	18	Solid	2	0.009	0.015	0.150	22
B6300FE	18	7x26	2	0.009	0.015	0.162	23
B6301FE	18	7x26	3	0.009	0.015	0.172	31
B6302FE	18	7x26	4	0.009	0.015	0.188	35
B6304FE	18	7x26	6	0.009	0.015	0.226	52
B6306FE	18	7x26	8	0.009	0.015	0.246	66
B6307FE	18	7x26	9	0.009	0.015	0.266	73
B6309FE	18	7x26	12	0.010	0.017	0.312	99
B6400FE	20	7x28	2	0.009	0.015	0.142	17
B6402FE	20	7x28	4	0.009	0.015	0.164	27
B6405FE	20	7x28	7	0.009	0.015	0.196	41
B6407FE	20	7x28	9	0.009	0.015	0.229	52
B6520FE	22	Solid	2	0.009	0.015	0.122	13
B6500FE	22	7x30	2	0.009	0.015	0.128	12
B6521FE	22	Solid	3	0.009	0.015	0.129	16
B6401FE	22	7x26	3	0.009	0.015	0.150	22
B6501FE	22	7x30	3	0.009	0.015	0.135	16
B6502FE	22	7x30	4	0.009	0.015	0.147	19
B6504FE	22	7x30	6	0.009	0.015	0.175	26
B6506FE	22	7x30	8	0.009	0.015	0.190	35
B6508FE	22	7x30	10	0.009	0.015	0.222	42

Security Low-voltage Cable

Belden New Generation

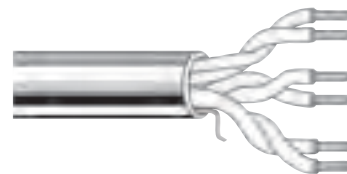
Plenum Pairs Unshielded CMP

BELDEN

Power limited circuit and communications cable for riser or plenum applications. For use in remote control, signaling, security systems, communications, intercom/P.A. systems, speaker, sound, audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Flamarrest (low smoke PVC)
3. JACKET: Natural Flamarrest (low smoke PVC) with rip cord. Speaker cable constructions available in additional colors
4. STANDARDS: NEC CMP or CL2P (CMP: 22-16 AWG), (CL2P: 14-12 AWG)
5. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Pairs	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6341UE	18	7 Strands	2	0.008	0.015	0.253	36
B6342UE	18	7 Strands	3	0.009	0.015	0.278	50
B6343UE	18	7 Strands	4	0.015	0.015	0.314	66
B6345UE	18	7 Strands	6	0.009	0.018	0.353	95
B6561UE	22	Solid	2	0.009	0.015	0.188	19
B6541UE	22	7 Strands	2	0.009	0.015	0.199	20
B6542UE	22	7 Strands	3	0.009	0.015	0.212	27
B6543UE	22	7 Strands	4	0.009	0.015	0.234	34
B6545UE	22	7 Strands	6	0.009	0.015	0.264	47
B6547UE	22	7 Strands	9	0.009	0.018	0.318	69

Plenum Pairs Shielded CMP

BELDEN

Power limited circuit and communications cable for plenum applications. For use in remote control, signaling, security systems, communications, intercom/P.A. systems, sound/audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Flamarrest
3. SHIELDING: Beldfoil shield applied overall with a drain wire
4. JACKET: Natural Flamarrest with rip cord
5. STANDARDS: NEC: CMP (22-16 AWG), CL2P (14-12 AWG)
6. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Pairs	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6342FE	18	7x26	3	0.009	0.015	0.282	56
B6343FE	18	7x26	4	0.009	0.017	0.316	70
B6345FE	18	7x26	6	0.009	0.017	0.357	101
B6347FE	18	7x26	9	0.009	0.017	0.423	140
B6441FE	20	7x28	2	0.009	0.015	0.228	31
B6443FE	20	7x28	4	0.009	0.015	0.269	51
B6561FE	22	Solid	2	0.009	0.015	0.193	21
B6541FE	22	7x30	2	0.009	0.015	0.203	23
B6542FE	22	7x30	3	0.009	0.015	0.216	29
B6543FE	22	7x30	4	0.009	0.015	0.238	37
B6545FE	22	7x30	6	0.009	0.015	0.268	50
B6547FE	22	7x30	9	0.009	0.018	0.323	72

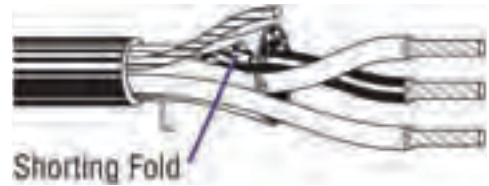
Belden New Generation

Plenum Specialty Composites CMP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Bare copper
2. INSULATION: Polyvinyl chloride (PVC)
3. SHIELDING: Beldfoil
4. JACKET: Gray polyvinyl chloride (PVC) with rip cord
5. STANDARDS: NEC: CMP; CEC: CMP, FT6
6. TEMPERATURE: 75°C



APPLICATIONS

For use in security systems, communications, intercom/PA. systems, sound/audio systems and power-limited controls.

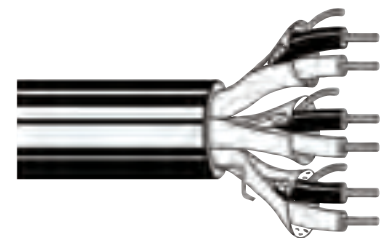
Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6501GE	22	7x30	1 STP + 1C	0.009	0.015	0.174	18
B6502GE	22	7x30	1 STP + 2C	0.009	0.015	0.180	21

Plenum Specialty/Pro Audio/Intercom Shielded Pairs CMP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Stranded bare copper
2. INSULATION: Fluorinated ethylene-propylene (FEP)
3. SHIELDING: AL foil with polyester tape (Beldfoil), 100% coverage with drain wire
4. JACKET: Gray or natural Flam arrest
5. STANDARDS: NEC: CMP, UL Listed
6. TEMPERATURE: 75°C



APPLICATIONS

For use with audio and intercom systems.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Pairs	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6341PC	18	7x26	2	0.010	0.017	0.281	45
B6342PC	18	7x26	3	0.010	0.017	0.300	69
B6343PC	18	7x26	4	0.010	0.017	0.332	88
B6345PC	18	7x26	6	0.010	0.019	0.402	132
B6541PA	22	7x30	2	0.010	0.015	0.214	27
B6542PA	22	7x30	3	0.010	0.015	0.228	36
B6543PA	22	7x30	4	0.010	0.015	0.252	46
B6545PA	22	7x30	6	0.010	0.015	0.300	65
B6546PA	22	7x30	8	0.010	0.017	0.332	85
B6548PA	22	7x30	12	0.010	0.017	0.408	125
B6549PA	22	7x30	16	0.010	0.017	0.457	159

Security Low-voltage Cable

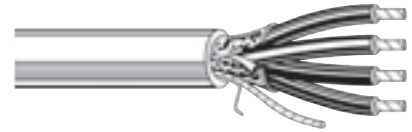
Belden New Generation

Plenum Audio and Intercom Systems CMP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Stranded bare copper
2. INSULATION: Fluorinated ethylene-propylene (FEP)
3. SHIELDING: Beldfoil
4. JACKET: Flamarrest
5. STANDARDS: NEC: CMP, UL Listed
6. TEMPERATURE: 75°C

**APPLICATIONS**

For use with audio and intercom systems.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6300FC	18	7x26	2	0.006	0.017	0.155	22
B6302FC	18	7x26	4	0.006	0.017	0.179	34
B6400FC	20	7x28	2	0.006	0.015	0.133	15
B6500FC	22	7x30	2	0.006	0.015	0.116	11
B6502FC	22	7x30	4	0.006	0.015	0.133	18

Plenum Specialty/Thermostat and Control Overall Shielded Pairs CMP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Foamed fluorinated ethylene-propylene (FFEP)
3. SHIELDING: Beldfoil overall
4. JACKET: Flamarrest
5. STANDARDS: NEC: CMP, UL Listed
6. TEMPERATURE: 75°C

**APPLICATIONS**

For use in thermostat and control applications.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Pairs	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6340FT	18	7x26	1	0.015	0.232	31
B6341PT	18	7x26	2	0.015	0.280	60
B6540FT	22	7x30	1	0.015	0.162	31
B6660FT	24	Solid	1	0.015	0.128	11
B6661PT	24	Solid	2	0.015	0.155	18

Security Low-voltage Cable

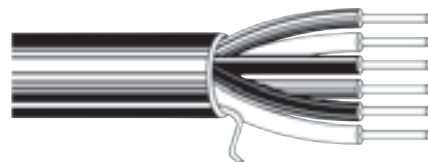
Belden New Generation

Plenum Commercial Audio/Sound/Nurse Call Systems CMP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Fluorinated ethylene-propylene (FEP)
3. JACKET: Flammarrest
4. STANDARDS: NEC: CMP, UL Listed
5. TEMPERATURE: 75°C



APPLICATIONS

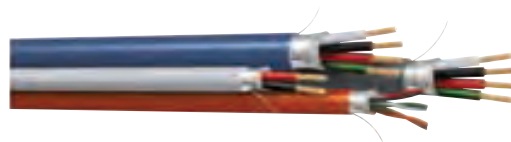
For use with sound, intercom and nurse call systems.

Anixter No.	Conductor Size AWG	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6662UG	24	6	0.007	0.015	0.165	18
B6624UG	24	6	0.007	0.019	0.072 x 0.242	21
B6626UG	24	8	0.007	0.019	0.072 x 0.310	26

Banana Peel 538AFS Composite Access Control Cable Riser Rated

BELDEN

Four cable components adjoined (no overall jacket) using Belden's patented Banana Peel technology. Each component is color coded and application printed. Components grouped around and affixed to a center spline.



SPECIFICATIONS

1. COMPOSITE:
 - 4C 16 AWG stranded bare copper shielded - gray - lock power
 - 3 PR 18 AWG stranded bare copper overall shielded - orange - card reader
 - 2C 18 AWG stranded bare copper shielded - white - door contact
 - 4C 18 AWG stranded bare copper shielded - blue - REX/spare
2. SHIELDING: Beldfoil 100% coverage, plus drain wire
3. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
4. JACKET: Individual: polyvinyl chloride (PVC) riser rated; Overall: none, center spline assembly
5. NEC: CMR; CEC: CMG, FT4

Anixter No.	Description	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B538AFS	Composite: 4C 16 AWG, shielded, jacketed + 4C 18 AWG shielded, jacketed, + 3 PR 18 AWG OA shielded, + 2C 18 AWG shielded, jacketed	0.007	100%	0.516	154

Security Low-voltage Cable

Belden New Generation

Jacketed 558AFJ Composite Access Control Cables Riser Rated

BELDEN

Four cable components, cabled and jacketed. Each component is color coded and application printed.



SPECIFICATIONS

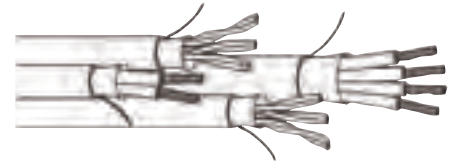
- COMPOSITE:
 - 4C 18 AWG stranded BC shielded - gray - lock power
 - 3 PR 22 AWG stranded BC overall shielded - orange - card reader
 - 2C 22 AWG stranded BC shielded - white - door contact
 - 4C 22 AWG stranded BC shielded - blue - REX/spare
- INDIVIDUAL SHIELDING: Beldfoil 100% coverage, plus drain wire
- INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
- INDIVIDUAL JACKET: Polyvinyl chloride (PVC)
- OVERALL JACKET: Yellow polyvinyl chloride (PVC)
- NEC: CMR; CEC: CMG, FT4

Anixter No.	Description	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B558AFJ	Composite: 4C 18 AWG shielded, jacketed + 3 PR 22 AWG OAS, jacketed + 2C 22 AWG shielded, jacketed + 4C 22 AWG shielded, jacketed. Overall yellow PVC jacket	0.009	100%	0.493	124

Banana Peel 558GFS Composite Access Control Cables for Exit Readers Riser Rated

BELDEN

Four cable components adjoined (no overall jacket) using Belden's patented Banana Peel technology. Each component is color coded and application printed. Components grouped around and affixed to a center spline.



SPECIFICATIONS

- COMPOSITE:
 - 4C 18 AWG stranded bare copper shielded - gray - lock power
 - 3 PR 22 AWG stranded bare copper overall shielded - orange - card reader
 - 2C 22 AWG stranded bare copper shielded - white - door contact
 - 3 PR 22 AWG stranded bare copper overall shielded - yellow - exit card reader
- SHIELDING: Beldfoil 100% coverage, plus drain wire
- INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
- JACKET: Individual: Polyvinyl chloride (PVC) riser rated; Overall: none, center spline assembly
- NEC: CMR; CEC: CMG, FT4

Anixter No.	Description	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B558GFS	Composite: 4C 18 AWG shielded, jacketed + 3 TP 22 AWG OA shielded, jacketed + 2C 22 AWG shielded, jacketed + 3 TP 22 AWG OA shielded, jacketed	0.010	100%	0.458	116

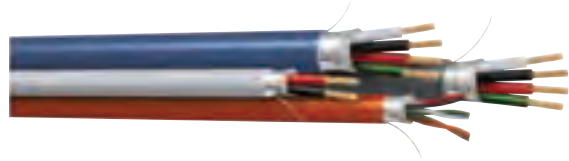
Security Low-voltage Cable

Belden New Generation

Banana Peel 558ANH Composite Access Control Cables Riser Rated

BELDEN

Four cable components adjoined (no overall jacket) using Belden's patented Banana Peel technology. Each component is color coded and application printed. Components grouped around and affixed to a center spline.



SPECIFICATIONS

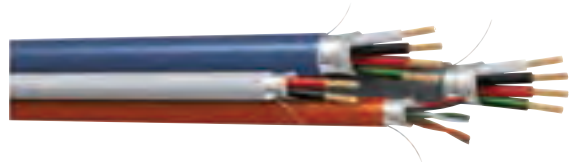
- COMPOSITE:
 - 4C 18 AWG stranded bare copper shielded - gray - lock power
 - 3 PR 22 AWG stranded bare copper overall shielded - orange - card reader
 - 2C 22 AWG stranded bare copper shielded - white - door contact
 - 4C 22 AWG stranded bare copper shielded - blue - REX/spare
- SHIELDING: Beldfoil 100% coverage, plus drain wire
- INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
- JACKET: Individual; Polyvinyl chloride (PVC) riser rated; Overall: center spline assembly
- NEC: CMG-LS (LIMITED-SMOKE)

Anixter No.	Description	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B558ANH	Composite: 4C 18 AWG shielded, LSZH jacketed + 3 PR 22 AWG OA shield, LSZH jacket + 2C 22 AWG shielded, LSZH jacketed + 4C 22 AWG shielded, LSZH jacketed	0.046	100%	0.493	148

Banana Peel 638AFS Composite Access Control Cable Plenum Rated

BELDEN

Four cable components adjoined (no overall jacket) using Belden's patented Banana Peel technology. Each component is color coded and application printed. Components grouped around and affixed to a center spline.



SPECIFICATIONS

- COMPOSITE:
 - 4C 16 AWG stranded BC shielded - gray - lock power
 - 3 PR 18 AWG stranded BC overall shielded - orange - card reader
 - 2C 18 AWG stranded BC shielded - white - door contact
 - 4C 18 AWG stranded BC shielded - blue - REX/spare
- SHIELDING: Beldfoil 100% coverage, plus drain wire
- INSULATION: Flamarrest
- JACKET: Individual: Flamarrest; Overall: none, center spline assembly
- NEC: CMP; CEC: CMP, FT6

Anixter No.	Description	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B638AFS	Composite: 4C 16 AWG shielded, jacketed + 3 PR 18 AWG OA shield, jacketed + 2C 18 AWG shielded, jacketed + 4C 18 AWG shielded	0.009	100%	0.542	183

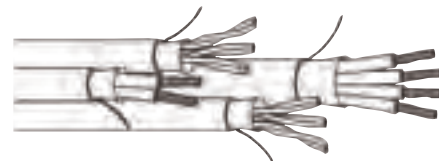
Security Low-voltage Cable

Belden New Generation

Banana Peel 658GFS Composite Access Control Cables for Exit Card Readers Plenum Rated

BELDEN

Four cable components adjoined (no overall jacket) using Belden's patented Banana Peel technology. Each component is color coded and application printed. Components grouped around and affixed to a center spline.



SPECIFICATIONS

1. COMPOSITE:
 - 4C 18 AWG stranded bare copper shielded - gray - lock power
 - 3 PR 22 AWG stranded bare copper overall shielded - orange - card reader
 - 2C 22 AWG stranded bare copper shielded - white - door contact
 - 3 PR 22 AWG stranded bare copper overall shielded - yellow - exit card reader
6. SHIELDING: Beldfoil 100% coverage, plus drain wire
7. INSULATION: Flamarrest
8. JACKET: Individual: Flamarrest; Overall: none, center spline assembly
9. NEC: CMP; CEC: CMP, FT6

Anixter No.	Description	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B658GFS	Composite: 4C 18 AWG shielded, jacketed + 3 PR 22 AWG OA shielded, jacketed + 2 C 22 AWG shielded, jacketed + 3 PR 22 AWG OA shielded, jacketed	0.009	100%	0.456	112

Jacketed 658AFJ Composite Access Control Cables Plenum Rated

BELDEN

Four cable components, cabled and jacketed. Each component is color coded and application printed.



SPECIFICATIONS

1. COMPOSITE:
 - 4C 18 AWG stranded BC shielded - gray - lock power
 - 3 PR 22 AWG stranded BC overall shielded - orange - card reader
 - 2C 22 AWG stranded BC shielded - white - door contact
 - 4C 22 AWG stranded BC shielded - blue - REX/spare
2. INDIVIDUAL SHIELDING: Beldfoil 100% coverage, plus drain wire
3. INSULATION: Flamarrest
4. INDIVIDUAL JACKET: Flamarrest
5. OVERALL JACKET: Yellow polyvinylidene fluoride (PVDF)
6. NEC: CMP; CEC: CMP, FT6

Anixter No.	Description	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B658AFJ	Composite: 4C 18 AWG shielded, jacketed + 3 PR 22 AWG OAS, jacketed + 2C 22 AWG shielded, jacketed + 4C 22 AWG shielded, jacketed. Overall yellow PVDF jacket	0.009	100%	0.463	115

Security Low-voltage Cable

Belden New Generation

Coaxial Cable CCTV Nonplenum CM

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC)
2. INSULATION: Foam polyethylene (FPE)
3. JACKET: Polyvinyl chloride (PVC), sequential footage marked
4. TEMPERATURE: 75°C
5. NEC RATING: CM, 543945 and 533945 are also rated CMG, FT4



Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B543945	RG59	75	16.3	83%	20	0.145	95% BC Braid	0.032	0.232	31	CMG
B533945	RG6	75	16.3	83%	18	0.180	95% BC Braid	0.032	0.266	41	CM
B513945	RG11	75	16.1	84%	14	0.280	95% BC Braid	0.048	0.405	98	CM

Coaxial Cable CCTV Specialty Nonplenum CM - Miniature

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Foam polyethylene (FPE)
3. JACKET: Polyvinyl chloride (PVC), sequential footage marked
4. TEMPERATURE: 75°C
5. NEC RATING: CM



Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B573945	RG59	75	16.8	80%	25	0.085	94% BC Braid	0.019	0.146	14	CM
B551945	RG59	75	17.3	78%	22	0.140	95% BC Braid	0.035	0.232	30	CM

Security Low-voltage Cable

Belden New Generation

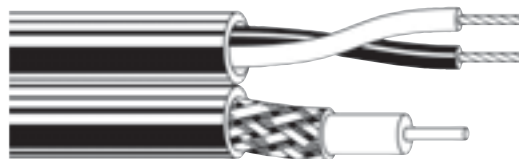
Coaxial Cable CCTV Siamese Nonplenum CM

BELDEN

20 AWG bare copper conductor, foam polyolefin insulation, bare copper braid shield, PVC jacket.

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Foam polyethylene (FPE)
3. SHIELDING: Bare copper braid
4. JACKET: Polyvinyl chloride (PVC)
5. STANDARDS: NEC: CMG; CEC: CMG, FT4
6. NOMINAL IMPEDANCE: 75 ohms
7. TEMPERATURE: 75°C



APPLICATIONS

20 AWG bare copper conductor, foam polyolefin insulation, bare copper braid shield, PVC jacket.

Anixter No.	Description	Nominal Imped. (Ohms)	Nom. Vel. of Prop.	Nominal Insulation O.D. (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B549945	Composite coax: RG-59/U 20 AWG solid bare copper conductor, foam polyethylene polyolefin insulation, bare copper braid shield, black PVC jacket. Pair: AWG 18/7 bare copper conductors, PVC insulation, black PVC jacket	75	83%	0.145	95% BC	0.232 x 0.460	49	CMG
B539945	Composite coax: RG-6/U 18 AWG solid bare copper conductor, foam polyethylene polyolefin insulation, bare copper braid shield, black PVC jacket. Pair: AWG 18/7 bare copper conductors, PVC insulation, black PVC jacket	75	83%	0.180	95% BC	0.232 x 0.485	53	CM
B579945	Composite coax: RG-59/U 25 AWG solid bare copper conductor, foam polyethylene insulation, bare copper braid shield, black PVC jacket. Pair: AWG 20/7 bare copper conductors, PVC insulation, black PVC jacket	75	83%	0.145	95% BC	0.232 x 0.460	29	CM

Coaxial Cable CATV/MATV Nonplenum CM

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC)
2. INSULATION: Foam polyethylene (FPE)
3. JACKET: Polyvinyl chloride (PVC), sequential footage marked
4. TEMPERATURE: 75°C
5. NEC RATING: CM



FEATURES

- B5339Q5 and B5339B5: CATV or MATV applications

Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B5339B5	RG6	75	16.3	83%	18	0.180	Foil + 60% AL Braid	0.027	0.266	29	CM
B5339Q5	RG6	75	16.3	83%	18	0.180	Quad	0.028	0.298	34	CM
B5399B5	RG6	75	16.3	83%	18	0.180	Foil + 60% AL Braid	0.029	0.270	30	CM, CL2

Belden New Generation

Coaxial Cable CCTV Plenum CMP

BELDEN

Bare copper, foam FEP insulation, bare copper braid shield. Natural Flamarrest jacket (except B613948 which is white fluorocopolymer). Sequential footage marking every two feet.



SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC)
2. INSULATION: Foam fluorinated ethylene-propylene (FFEP)
3. SHIELDING: Bare copper braid
4. JACKET: Flamarrest
5. STANDARDS: NEC: CMP; CEC: CMP, FT6
6. NOMINAL IMPEDANCE: 75 ohms
7. TEMPERATURE RATING: 75°C

APPLICATIONS

CCTV
Card reader/sensor (6539Y8)

Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B643948	RG59	75	16.1	83%	20	0.135	95% BC Braid	0.015	0.193	32	CMP
B633948	RG6	75	16.3	83%	18	0.170	95% BC Braid	0.015	0.228	42	CMP
B613948	RG11	75	16.1	84%	14	0.274	95% BC Braid	0.023	0.348	90	CMP

Coaxial Cable CCTV/Specialty Plenum CMP - Miniature

BELDEN

Bare copper, foam FEP insulation, bare copper braid shield. Natural Flamarrest jacket (except B673948 which is white fluorocopolymer). Sequential footage marking every two feet.



SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC)
2. INSULATION: Foam fluorinated ethylene-propylene (FFEP)
3. SHIELDING: Bare copper braid
4. JACKET: Flamarrest
5. STANDARDS: NEC: CMP; CEC: CMP, FT6
6. TEMPERATURE RATING: 75°C

APPLICATIONS

CCTV
Card reader/sensor (6539Y8)

Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B673948	RG59	75	16.8	80%	25	0.078	95% BC Braid	0.023	0.146	17	CMP
B6539Y8	RG62	93	13.5	84%	22	0.146	95% BC Braid	0.015	0.204	33	CMP

Security Low-voltage Cable

Belden New Generation

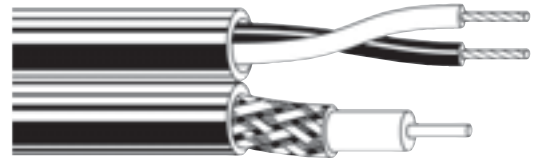
Coaxial Cable CCTV Siamese Plenum CMP

BELDEN

Bare copper, foam FEP insulation, bare copper braid shield. Natural Flammarrest jacket. Sequential footage marking every two feet.

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC)
2. INSULATION: Foam fluorinated ethylene-propylene (FFEP)
3. SHIELDING: Bare copper braid
4. JACKET: Flammarrest
5. STANDARDS: NEC: CMP; CEC: CMP, FT6
6. TEMPERATURE RATING: 75°C



APPLICATIONS

CCTV
Card reader/sensor

Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B649948	RG59	75	16.3	83%	20	0.135	95% BC Braid	0.018	0.199 x 0.383	48	CMP
B639948	RG6	75	16.1	84%	18	0.170	95% BC Braid	0.032	0.232 x 0.416	56	CM
B679948	RG59	75	16.8	80%	25	0.078	95% BC Braid	----	0.144 x 0.328	34	CMP

Coaxial Cable CATV/MATV Plenum CMP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC)
2. INSULATION: Foam fluorinated ethylene-propylene (FFEP)
3. JACKET: Flammarrest
4. STANDARDS: NEC: CMP, CATVP; CEC: CMP, FT6
5. TEMPERATURE RATING: 75°C



Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B6439C8	RG59	75	16.3	83%	20	0.135	Foil + 80% AL Braid	0.015	0.199	21.5	CMP, CATVP
B633938	RG6	75	16.3	83%	18	0.170	Foil + 90% AL Braid	0.015	0.233	29	CMP
B613988	RG11	75	16.1	84%	14	0.274	Foil + 60% AL Braid	0.020	0.348	66	CMP

Coaxial Cable CCTV Limited Combustible Plenum CMP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC)
2. INSULATION/DIELECTRIC: Foam fluorinated ethylene-propylene (FFEP)
3. SHIELDING: Bare copper braid, 95% coverage
4. JACKET: Black fluorinated ethylene-propylene (FEP)
5. STANDARDS: NEC: CMP, UL Listed; CEC: CMP
6. TEMPERATURE: 200°C



APPLICATIONS

For use in closed-circuit television systems (CCTV) and surveillance applications where a limited combustible product is required.

Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B7986LC	RG59	75	16.1	84%	20	0.135	95% BC Braid	0.193	31	CMP
B7985LC	RG6	75	16.3	83%	18	0.170	95% BC Braid	0.228	44	CMP

Belden New Generation

Pan/Tilt/Zoom Banana Peel Composite Coax Nonplenum CMR

BELDEN

Three cable components adjoined using Belden's patented Banana Peel technology. One RG-59; one control cable (pan/tilt/zoom); and one pair for power (18 AWG).

SPECIFICATIONS

1. VIDEO: (1) RG-59, 95% braid coverage - black color
2. CONTROL: Varies by code, see item descriptions - blue color
3. POWER: Varies by code, see item descriptions - white color
4. INSULATION: High-density polyethylene (HDPE): coax, polyolefin (PO): control, polyvinyl chloride (PVC): power
5. JACKET: Riser rated polyvinyl chloride (PVC)



APPLICATIONS

Video/control/power

Anixter No.	Description	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B500PTZ	Banana Peel composite for PTZ camera: RG-59/U, 1 pair 23 AWG unshielded, 2C 18 AWG unshielded. NEC, CMR, CEC, CMG FT4, SHAFT UL 1666	95% Braid Shield Coax/Unshielded 1-Pair	0.411	58	CMR
B501PTZ	Banana Peel composite for PTZ camera: RG-59/U, 1 pair 22 AWG shielded and 2C 18 AWG unshielded. NEC, CMR, CEC, CMG FT4, SHAFT UL 1666	95% AL/Polyester Unshielded	0.419	71	CMR/CMG
B502PTZ	Banana Peel composite for PTZ camera: RG-59/U, 1 pair 18 AWG shielded and 2C 18 AWG unshielded. NEC, CMR, CEC, CMG FT4, SHAFT UL 1666	95% AL/Polyester Unshielded	0.451	89	CMR/CMG
B503PTZ	Banana Peel composite for PTZ camera: RG-59/U, 1 pair 18 AWG shielded, 2C 14 AWG unshielded NEC, CMR, CEC, CMG SHAFT UL 1666	95% AL/Polyester Unshielded	0.496	101	CMR/CMG
B504PTZ	Banana Peel composite for PTZ camera: RG-59/U, 1 pair 18 AWG shielded, 2C 14 AWG unshielded NEC, CMR, CEC, CMG SHAFT UL 1666	95% AL/Polyester Unshielded	0.496	101	CMR/CMG

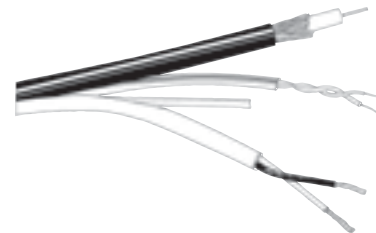
Pan/Tilt/Zoom Banana Peel Composite Coax Plenum CMP

BELDEN

Three cable components adjoined using Belden's patented Banana Peel technology. One RG-59; one control cable (pan/tilt/zoom); and one pair for power (18 AWG).

SPECIFICATIONS

1. VIDEO: (1) RG-59, 95% braid coverage - black
2. CONTROL: Varies by code, see item descriptions - blue color
3. POWER: Varies by code, see item descriptions - white color
4. INSULATION: Foam polytetrafluoroethylene (PTFE): coax, fluorinated ethylene-propylene (FEP): control, Flamarrest: power
5. JACKET: Flamarrest



Anixter No.	Description	Application	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B600PTZ	Banana Peel composite: 1 coax RG-59, 1 UTP 23 AWG, 2C 18 AWG	Video/Control/Power	95% Braid Shield Coax/Unshielded 1-Pair	0.351	62	CMP
B601PTZ	Banana Peel composite: 1 coax RG-59, 1 STP 22 AWG, 2C 18 AWG	Video/Control/Power	95% AL/Polyester Unshielded	0.351	65	CMP
B602PTZ	Banana Peel composite: 1 coax RG-59, 1 STP 18 AWG, 2C 18 AWG	Video/Control/Power	95% AL/Polyester Unshielded	0.363	70	CMP

Security Low-voltage Cable

Belden New Generation

UTP CCTV Surveillance Cables Nonplenum CM

BELDEN

Cables include two pairs Cat 5e UTP for video over UTP and for control; and two conductors 16 AWG for power. CMR rated cables for CCTV transmission over UTP.

SPECIFICATIONS

1. CONDUCTOR: Bare copper conductors 24 or 23 AWG for video/control; and 16 AWG for power
2. INSULATION: Riser rated polyolefin (PO) UTP Cat 5e tested; Riser rated polyvinyl chloride (PVC): power pairs
3. JACKET: Flamarrest



Anixter No.	Conductor Size AWG	Application	Conductor Strand	No. of Conductors	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5284UE	2 PR x 23 AWG 2C x 16 AWG	Video/Control/Power	Solid / 19x29	2P+2C	0.233	44
B5284US	2 PR x 24 AWG 2C x 16 AWG	Video/Control/Power	Solid / 19x29	2P+2C	0.190 x 0.408	45
B5288US	4 PR x 24 AWG 2C x 16 AWG	Video/Control/Power	Solid / 19x29	2P+2C	0.198 x 0.408	49

Waterdog Indoor/Outdoor Cable Unshielded CM

BELDEN

Power limited circuit and communications cable for outdoor use and indoor use in conduit.

For use in remote control, signaling, security systems, communications, intercom/P.A. systems, speaker, sound, audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Stranded bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. WATER-BLOCKING: Tape swells when moistened, blocking water infiltration
4. JACKET: Gray or black polyvinyl chloride (PVC) with rip cord
5. STANDARDS: NEC: CM; CEC: CM, FT1
6. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5300U1	18	7x26	2	0.010	0.025	0.215	24

Waterdog Indoor/Outdoor Cable Shielded CM

BELDEN

Power limited circuit and communications cable for outdoor use and indoor use in conduit.

For use in remote control, signaling, security systems, communications, intercom/P.A. systems, sound/audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. WATER-BLOCKING: Tape swells when moistened, blocking water infiltration. Inner tapes on individual pairs when applicable and overall tapes in addition
4. SHIELDING: Beldfoil shield applied overall with a drain wire
5. JACKET: Gray or black polyvinyl chloride (PVC) with rip cord
6. STANDARDS: NEC: CM; CEC: CM, FT1
7. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5300F1	18	7x26	2	0.010	0.025	0.222	30
B5400F1	20	7x28	2	0.010	0.025	0.206	22
B5500F1	22	7x30	2	0.010	0.025	0.196	17

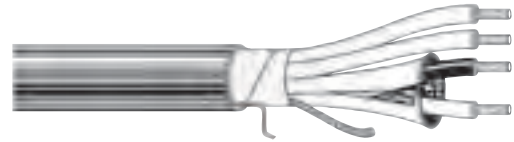
Belden New Generation

Waterdog Indoor/Outdoor Combinations Cable CM

BELDEN

Power limited circuit and communications cable for outdoor use and indoor use in conduit.

For use in remote control, signaling, security systems, communications, intercom/P.A. systems, sound/audio and nurse call.



SPECIFICATIONS

1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. WATER-BLOCKING: Tape swells when moistened, blocking water infiltration. Inner tapes on individual pairs when applicable and overall tapes in addition
4. SHIELDING: Beldfoil shield applied overall with a drain wire
5. JACKET: Gray or black polyvinyl chloride (PVC) with rip cord
6. STANDARDS: NEC: CM; CEC: CM, FT1
7. TEMPERATURE: 75°C

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5521G1	22	Solid	1 STP + 1C	0.010	0.025	0.212	22
B5501G1	22	7x30	1 STP + 1C	0.010	0.025	0.222	25
B5522G1	22	Solid	1 STP + 2C	0.010	0.025	0.224	27
B5502G1	22	7x30	1 STP + 2C	0.010	0.025	0.234	29
B5504G1	22	7x30	1 STP + 4C	0.010	0.025	0.268	37
B5524G1	22	Solid	1 STP + 4C	0.010	0.025	0.244	31
B5584G1	22	Solid	1 STP + 2P	0.010	0.025	0.283	35
B5541P1	22	7x30	2 STP	0.010	0.025	0.239	29

Waterdog Indoor/Outdoor Direct Burial Cable Unshielded FPL/PLTC/CM

BELDEN

Power limited circuit and communications cable for outdoor use and indoor use. PLTC-ER (exposed run) may be run exclusive of conduit or cable tray beyond six feet, where permitted. For use in remote control, signaling, security systems, communications, intercom/P.A. systems, sound/audio and nurse call.



SPECIFICATIONS

1. CONDUCTOR: Stranded bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. WATER-BLOCKING: Tape swells when moistened, blocking water infiltration
4. JACKET: Black or red polyvinyl chloride (PVC) with rip cord
5. STANDARDS: NEC: CMG, FPL, PLTC-ER; CEC: CMG, FT4
6. TEMPERATURE: 75°C

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5140U1	14	19x27	1 Pair	0.014	0.042	0.314	58
B5102U1	14	19x27	1 Quad	0.010	0.025	0.356	96
B5240U1	16	7x24	1 Pair	0.010	0.037	0.249	35
B5202U1	16	7x24	1 Quad	0.010	0.025	0.291	61
B5340U1	18	7x26	1 Pair	0.010	0.037	0.227	26
B5302U1	18	7x26	1 Quad	0.010	0.025	0.254	44

Security Low-voltage Cable

Belden New Generation

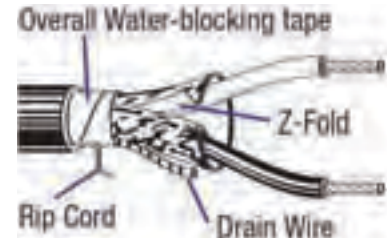
Waterdog Indoor/Outdoor Direct Burial Cable Shielded FPL/PLTC/CMG

BELDEN

Power limited circuit and communications cable for outdoor use and indoor use. PLTC-ER (exposed run) may be run exclusive of conduit or cable tray beyond six feet, where permitted. For use in remote control, signaling, security systems, communications, intercom/PA. systems, sound/audio and nurse call.

SPECIFICATIONS

1. CONDUCTOR: Stranded bare copper conductor
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. WATER-BLOCKING: Tape swells when moistened, blocking water infiltration
4. SHIELDING: Beldfoil shield applied overall with a drain wire
5. JACKET: Black or red polyvinyl chloride PVC with rip cord
6. STANDARDS: NEC: CMG, FPL, PLTC-ER; CEC: CMG, FT4
7. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5140F1	14	19x27	1 Pair	0.014	0.042	0.326	68
B5240F1	16	7x24	1 Pair	0.010	0.037	0.254	42
B5202F1	16	7x24	1 Quad	0.010	0.025	0.295	67
B5340F1	18	7x26	1 Pair	0.010	0.037	0.232	32
B5302F1	18	7x26	1 Quad	0.010	0.025	0.259	48

Waterdog Indoor/Outdoor CCTV/MATV Coaxial Cable CM

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper conductor
2. INSULATION/DIELECTRIC: Foamed polyethylene (FPE)
3. SHIELDING: Tinned copper, 95% braid coverage, plus 100% foil
4. BLOCKING: Water-blocking tape or core guard grease
5. OVERALL JACKET: Black polyvinyl chloride (PVC)
6. STANDARDS: NEC: CM, UL Listed



APPLICATIONS

For use in CCTV/MATV systems (indoor/outdoor).

Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B5439W5	RG59	75	16.3	83%	20	0.145	Foil + 95% TC Braid	-----	0.236	34	CM

Security Low-voltage Cable

Belden New Generation

Waterdog Indoor/Outdoor CCTV Coaxial Cable CM

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper conductor
2. INSULATION/DIELECTRIC: Foamed polyethylene (FPE)
3. SHIELDING: Bare copper, 95% braid coverage
4. BLOCKING: Water-blocking tape
5. OVERALL JACKET: Black polyvinyl chloride (PVC)
6. STANDARDS: NEC: CM, UL Listed; CEC: CM



APPLICATIONS

For use in closed-circuit television systems (CCTV) and surveillance application (indoor/outdoor).

Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B5339X5	RG6	75	16.3	83%	18	0.180	95% BC Braid	0.027	0.279	42	CM
B5439X5	RG59	75	16.3	83%	20	0.145	95% BC Braid	----	0.244	34	CM
B5399X5	RG6	75	16.3	83%	18	0.180	95% BC Braid	----	0.279 x 0.235	69	CM
B5499X5	RG59	75	16.3	83%	20	0.145	95% BC Braid	----	0.249 x 0.222	69	CM

Waterdog Indoor/Outdoor CCTV/MATV Coaxial Cable CM

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper conductor
2. INSULATION/DIELECTRIC: Foamed polyethylene (FPE)
3. SHIELDING: Aluminum, 60% braid coverage, plus 100% foil
4. BLOCKING: Water-blocking tape or core guard grease
5. OVERALL JACKET: Black polyvinyl chloride (PVC)
6. STANDARDS: NEC: CM, UL Listed; CEC: CM



APPLICATIONS

For use in CCTV/MATV systems (indoor/outdoor).

Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B5339V5	RG6	75	16.3	83%	18	0.180	Foil + 60% AL Braid	----	0.277	25	CM
B5339W5	RG6	75	16.3	83%	18	0.180	Foil + 60% AL Braid	----	0.270	31	CM

Security Low-voltage Cable

Belden New Generation

Riser Fire Alarm Unshielded

BELDEN

Power limited fire alarm and communications cable for riser or non-riser applications. Fire alarm, smoke detectors, signaling, fire protective circuits.

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. JACKET: Red polyvinyl chloride (PVC) with rip cord
4. STANDARDS: NEC: FPLR, UL Listed
5. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5020UL	12	2	0.010	0.017	0.239	54
B5120UL	14	2	0.010	0.017	0.205	38
B5122UL	14	4	0.010	0.017	0.240	65
B5220UL	16	2	0.007	0.017	0.160	24
B5222UL	16	4	0.007	0.017	0.193	43
B5320UL	18	2	0.007	0.017	0.143	16
B5322UL	18	4	0.007	0.017	0.166	28
B5324UL	18	6	0.010	0.015	0.211	40
B5329UL	18	12	0.007	0.018	0.262	77
B5522UL	22	4	0.010	0.015	0.125	15

Riser Fire Alarm Shielded

BELDEN

Power limited fire alarm and communications cable for riser and conduit applications. Fire alarm, smoke detectors, signaling, fire protective circuits.

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Polyvinyl chloride (PVC) or polypropylene (PP)
3. SHIELDING: Beldfoil shield with a drain wire
4. JACKET: Red polyvinyl chloride PVC with rip cord
5. STANDARDS: NEC: FPLR, UL Listed
6. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5020FL	12	2	0.010	0.017	0.243	60
B5120FL	14	2	0.010	0.017	0.209	37
B5122FL	14	4	0.013	0.015	0.255	66
B5220FL	16	2	0.007	0.017	0.170	25
B5222FL	16	4	0.010	0.015	0.208	45
B5320FL	18	2	0.007	0.017	0.147	22
B5322FL	18	4	0.007	0.017	0.170	31
B5522FL	22	4	0.010	0.015	0.145	19

Belden New Generation

Plenum Fire Alarm Unshielded

BELDEN

Power limited fire alarm and communications cable for plenum applications. Fire alarm, smoke detectors, signaling, fire protective circuits.

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Flamarrest
3. JACKET: Red Flamarrest with rip cord
4. STANDARDS: NEC: FPLP, UL Listed
5. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6020UL	12	2	0.010	0.015	0.235	55
B6120UL	14	2	0.010	0.015	0.205	38
B6122UL	14	4	0.010	0.015	0.236	70
B6220UL	16	2	0.008	0.015	0.166	24
B6222UL	16	4	0.008	0.015	0.194	44
B6320UL	18	2	0.008	0.015	0.144	17
B6321UL	18	3	0.010	0.015	0.160	25
B6322UL	18	4	0.008	0.015	0.166	30
B6324UL	18	6	0.010	0.015	0.211	46
B6326UL	18	8	0.010	0.015	0.230	59
B6328UL	18	10	0.010	0.015	0.272	73
B6522UL	22	4	0.009	0.015	0.136	16

Plenum Fire Alarm Shielded

BELDEN

Power limited fire alarm and communications cable for plenum applications. Fire alarm, smoke detectors, signaling, fire protective circuits.

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Flamarrest
3. SHIELDING: Beldfoil shield with a drain wire
4. JACKET: Red Flamarrest with rip cord
5. STANDARDS: NEC: FPLP, UL Listed
6. TEMPERATURE: 75°C



Anixter No.	Conductor Size AWG	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6020FL	12	2	0.011	0.015	0.243	61
B6120FL	14	2	0.011	0.015	0.209	45
B6122FL	14	4	0.011	0.015	0.245	77
B6220FL	16	2	0.010	0.015	0.178	28
B6222FL	16	4	0.010	0.015	0.208	54
B6320FL	18	2	0.010	0.015	0.155	22
B6322FL	18	4	0.010	0.015	0.180	36

Security Low-voltage Cable

Belden New Generation

Addressable Mid-capacitance Unshielded

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Foamed high-density polyethylene (FHDPE)
3. JACKET: Red polyvinyl chloride (PVC) with rip cord
4. STANDARDS: NEC: FPL, UL Listed
5. CAPACITANCE: 13 pF/ft.
6. TEMPERATURE: 75°C



APPLICATIONS

For use with addressable fire alarm systems, mid-capacitance.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5220UJ	16	Solid	2	0.015	0.033	0.230	32
B5320UJ	18	Solid	2	0.015	0.033	0.206	22

Addressable Mid-capacitance Shielded

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Foamed high-density polyethylene (FHDPE)
3. SHIELDING: Beldfoil shield with drain wire
4. JACKET: Red polyvinyl chloride (PVC) with rip cord
5. STANDARDS: NEC: FPL, UL Listed
6. TEMPERATURE: 75°C



APPLICATIONS

For use with addressable fire alarm systems, mid-capacitance.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Nominal Capacitance (pF/ft.)	Approx. Wt. lb./1,000 ft.
B5020FJ	12	Solid	2	0.020	0.033	0.317	36	69
B5120FJ	14	Solid	2	0.020	0.033	0.279	29.9	49
B5220FJ	16	Solid	2	0.015	0.033	0.235	31	37
B5222FJ	16	Solid	4	0.015	0.033	0.269	22	59
B5320FJ	18	Solid	2	0.015	0.033	0.211	26.5	28
B5322FJ	18	Solid	4	0.015	0.033	0.240	20	43

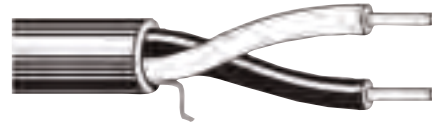
Belden New Generation

Addressable Mid-capacitance Fire Alarm Unshielded FPLP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Fluorinated ethylene-propylene (FEP)
3. JACKET: Red Flamarrest with rip cord
4. STANDARDS: NEC: FPLP, UL Listed
5. CAPACITANCE: 26 pF/ft.
6. TEMPERATURE: 75°C



APPLICATIONS

For use with addressable fire alarm systems mid-capacitance.

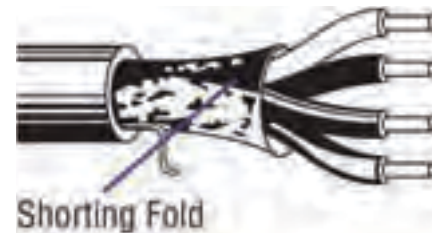
Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B6120UJ	14	Solid	2	0.007	0.015	0.186	32
B6220UJ	16	Solid	2	0.007	0.015	0.162	24
B6320UJ	18	Solid	2	0.007	0.015	0.138	16

Addressable Mid-capacitance Fire Alarm Shielded FPLP

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Fluorinated ethylene-propylene (FEP)
3. SHIELDING: Beldfoil shield with drain wire
4. JACKET: Red Flamarrest with rip cord
5. STANDARDS: NEC: FPLP, UL Listed
6. TEMPERATURE: 75°C



APPLICATIONS

For use with addressable fire alarm systems mid-capacitance.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Nominal Capacitance (pF/ft.)	Approx. Wt. lb./1,000 ft.
B6220FK	16	Solid	2	0.018	0.015	0.210	31	37
B6320FK	18	Solid	2	0.018	0.015	0.185	26	27

Security Low-voltage Cable

Belden New Generation

NPLF Fire Alarm Shielded

BELDEN

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Nylon/polyvinyl chloride (PVC)
3. SHIELDING: Beldfoil shield with drain wire
4. JACKET: Red polyvinyl chloride (PVC)
5. STANDARDS: NEC: NPLF, UL Listed
6. TEMPERATURE: 75°C



APPLICATIONS

Non-power limiting (NPLF) fire alarm cable.

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5020FN	12	Solid	2	0.021	0.042	0.337	86
B5120FN	14	Solid	2	0.021	0.042	0.303	61
B5122FN	14	Solid	4	0.021	0.042	0.348	102
B5220FN	16	Solid	2	0.021	0.037	0.266	45
B5222FN	16	Solid	4	0.021	0.042	0.315	76
B5320FN	18	Solid	2	0.021	0.037	0.243	35
B5322FN	18	Solid	4	0.021	0.042	0.287	62

FPLR-CIC Fire Alarm Unshielded

BELDEN

Circuit Integrity cable for in-conduit applications. Two hour rated fire alarm, notification devices, signaling, fire protective circuits. Two-hour in-conduit cables for survivability requirements according to NFPA101. Zero halogen cables.



SPECIFICATIONS

1. Article 760 of NEC for Fire Alarm Circuit Integrity (CI). NEC-FPLR. UL Standard 2196
2. CONDUCTOR: Bare copper solid conductors
3. INSULATION: Thermoset elastomer insulation
4. JACKET: Red polyolefin (PO)
5. STANDARDS: NEC: FPLR, UL Listed. UL 2196 for Circuit Integrity in conduit, UL Electrical Circuit Protective Systems FHIT #30

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5000UZ	12	7x20	2	0.035	0.056	0.440	105
B5020UZ	12	Solid	2	0.035	0.056	0.420	101
B5100UZ	14	7x22	2	0.035	0.056	0.400	87
B5120UZ	14	Solid	2	0.035	0.056	0.380	79
B5200UZ	14	Solid	2	0.035	0.056	0.370	68
B5220UZ	16	Solid	2	0.035	0.056	0.350	64
B5320UZ	18	Solid	2	0.041	0.045	0.360	57

Belden New Generation

FPLR-CIC Fire Alarm Shielded

BELDEN

Circuit Integrity cable for in-conduit applications. Fire alarm, notification devices, signaling, fire protective circuits. Two-hour direct flame cables for survivability requirements according to NFPA101. Zero halogen cables.



SPECIFICATIONS

1. Article 760 of NEC for Fire Alarm Circuit Integrity (CI) in conduit. NEC-FPLR. UL Standard 2196
2. CONDUCTOR: Bare copper stranded and solid conductors
3. INSULATION: Thermoset elastomer insulation
4. SHIELDING: Corrosion-resistant Beldfoil shield, 100 percent coverage with tinned copper drain wire
5. JACKET: Red polyolefin (PO)
6. STANDARDS: NEC: FPLR, UL Listed. UL Electrical Circuit Protective Systems FHIT #30

Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5000FZ	12	7x20	2	0.035	0.056	0.440	119
B5020FZ	12	Solid	2	0.035	0.056	0.420	117
B5022FZ	12	Solid	4	0.035	0.056	0.480	184
B5100FZ	14	7x22	2	0.035	0.056	0.410	97
B5120FZ	14	Solid	2	0.035	0.056	0.380	90
B5122FZ	14	Solid	4	0.035	0.056	0.440	138
B5200FZ	16	7x24	2	0.035	0.056	0.370	75
B5220FZ	16	Solid	2	0.035	0.056	0.360	71
B5222FZ	16	Solid	4	0.035	0.056	0.410	108
B5320FZ	18	Solid	2	0.041	0.045	0.363	59

FPLR-CI Fire Alarm Unshielded

BELDEN

Circuit Integrity cable for in-conduit applications. Two hour rated fire alarm, notification devices, signaling, fire protective circuits. Two-hour in-conduit cables for survivability requirements according to NFPA101. Zero halogen cables.



SPECIFICATIONS

1. Article 760 of NEC for Fire Alarm Circuit Integrity (CI). NEC-FPLR. UL Standard 2196
2. CONDUCTOR: Bare copper solid conductors
3. INSULATION: Thermoset elastomer insulation
4. JACKET: Red polyolefin (PO)
5. STANDARDS: NEC: FPLR, UL Listed. UL 2196 for Circuit Integrity in conduit, UL Electrical Circuit Protective Systems FHIT #30

Anixter No.	Conductor Size AWG	No. of Conductors	Conductor Strand	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5020UM	12	2	Solid	0.034	0.045	0.392	96
B5022UM	12	4	Solid	0.034	0.045	0.454	164
B5120UM	14	2	Solid	0.034	0.045	0.360	73
B5122UM	14	4	Solid	0.034	0.045	0.411	123
B5220UM	16	2	Solid	0.034	0.045	0.329	59
B5222UM	16	4	Solid	0.034	0.045	0.377	97
B5320UM	18	2	Solid	0.034	0.045	0.308	47
B5322UM	18	4	Solid	0.034	0.045	0.353	73
B5324UM	18	6	Solid	0.034	0.045	0.417	100
B5326UM	18	6	Solid	0.034	0.045	0.451	121

Security Low-voltage Cable

Belden New Generation

FPLR-CI Fire Alarm Shielded

BELDEN

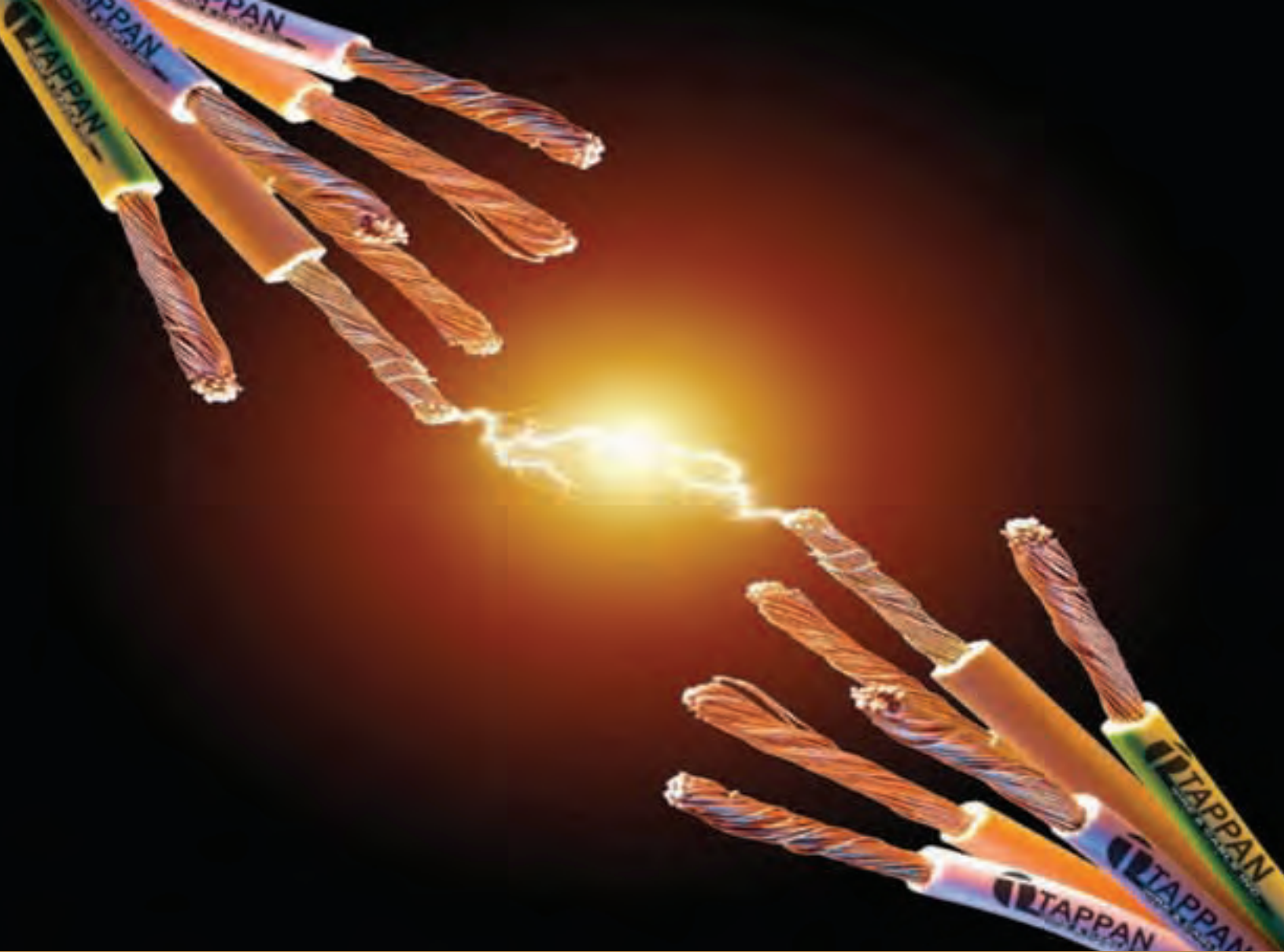
Circuit Integrity cable for riser applications, non-conduit and nonplenum. Fire alarm, notification devices, signaling, fire protective circuits. Two-hour direct flame cables for survivability requirements according to NFPA101. Zero halogen cables.

SPECIFICATIONS

1. Article 760 of NEC for Fire Alarm Circuit Integrity (CI). NEC-FPLR-CI. UL Standard 2196
2. CONDUCTOR: Bare copper stranded and solid conductors
3. INSULATION: Thermoset elastomer insulation
4. SHIELDING: Corrosion-resistant Beldfoil shield 100 percent coverage with tinned copper drain wire
5. JACKET: Red polyolefin (PO)
6. STANDARDS: NEC: FPLR-CI, UL Listed



Anixter No.	Conductor Size AWG	Conductor Strand	No. of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B5020FM	12	Solid	2	0.034	0.045	0.392	112
B5022FM	12	Solid	4	0.034	0.045	0.457	180
B5000FM	12	7x20	2	0.034	0.045	0.417	117
B5002FM	12	7x20	4	0.034	0.045	0.484	189
B5120FM	14	Solid	2	0.034	0.045	0.360	84
B5122FM	14	Solid	4	0.034	0.045	0.411	133
B5100FM	14	7x22	2	0.034	0.045	0.384	93
B5102FM	14	7x22	4	0.034	0.045	0.442	146
B5220FM	16	Solid	2	0.034	0.045	0.331	66
B5201FR	16	7x24	3	0.034	0.045	0.371	92
B5222FM	16	Solid	4	0.034	0.045	0.380	103
B5200FM	16	7x24	2	0.034	0.045	0.350	71
B5202FM	16	7x24	4	0.034	0.045	0.401	112
B5320FM	18	Solid	2	0.034	0.045	0.314	50
B5322FM	16	Solid	4	0.034	0.045	0.358	78
B5324FM	18	Solid	6	0.034	0.045	0.422	106
B5326FM	18	Solid	8	0.034	0.045	0.457	126
B5300FM	18	7x26	2	0.034	0.045	0.320	57
B5302FM	18	7x26	4	0.034	0.045	0.372	103
B5304FM	18	7x26	6	0.034	0.045	0.440	120
B5306FM	18	7x26	8	0.034	0.045	0.471	145



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Security Low-voltage Cable

Standard Security Cable

Security/Alarm/Access Control/Sound Low-voltage Cable Nonshielded Nonplenum

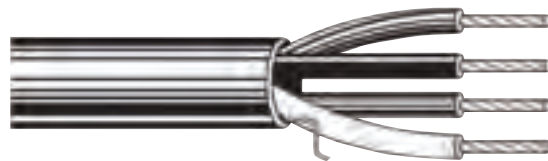
PVC

Bare copper conductor

UL Listed Type CMR, CL3R

SPECIFICATIONS

1. CONDUCTOR: Bare copper, stranded or solid
2. INSULATION: Polyvinyl chloride (PVC)
3. OVERALL JACKET: Gray polyvinyl chloride (PVC)
4. STANDARDS: NEC: CMR (22-16 AWG), CL3R (14-12 AWG); NEC Article(s) 800, 725
5. RATINGS: 75°C, 300 V

**APPLICATIONS**

For use in security systems, intercom systems, sound/audio systems, access control, power-limited controls.

Anixter No.	Conductor Size AWG	No. of Conductors	Rating	Insulation	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
AL-2202C-2-1N-09	22 (SOL)	2	CMR	PVC	0.007	0.015	0.122	8
AL-2202C-2-1N-09	22	2	CMR	PVC	0.007	0.015	0.120	11
AL-2203C-2-1N-09	22	3	CMR	PVC	0.007	0.015	0.131	14
AL-2204C-2-1N-09	22	4	CMR	PVC	0.007	0.015	0.142	16
AL-2204C-1-1N-09	22 (SOL)	4	CMR	PVC	0.007	0.015	0.135	14
AL-2206C-2-1N-09	22	6	CMR	PVC	0.007	0.015	0.170	24
AL-2208C-2-1N-09	22	8	CMR	PVC	0.007	0.018	0.190	31
AL-2210C-2-1N-09	22	10	CMR	PVC	0.007	0.020	0.210	39
AL-2212C-2-1N-09	22	12	CMR	PVC	0.007	0.022	0.229	15
AL-2002C-2-1N-09	20	2	CMR	PVC	0.008	0.015	0.148	21
AL-2003C-2-1N-09	20	3	CMR	PVC	0.010	0.015	0.161	26
AL-2004C-2-1N-09	20	4	CMR	PVC	0.010	0.018	0.178	26
AL-1802C-2-1N-09	18	2	CMR	PVC	0.009	0.015	0.172	16
AL-1803C-2-1N-09	18	3	CMR	PVC	0.009	0.015	0.187	30
AL-1804C-2-1N-09	18	4	CMR	PVC	0.009	0.018	0.203	37
AL-1806C-2-1N-09	18	6	CMR	PVC	0.009	0.020	0.226	52
AL-1808C-2-1N-09	18	8	CMR	PVC	0.009	0.020	0.242	66
AL-1602C-2-1N-09	16	2	CMR	PVC	0.009	0.018	0.198	30
AL-1604C-2-1N-09	16	4	CMR	PVC	0.009	0.020	0.234	54
AL-1402C-2-1N-09	14	2	CL3R	PVC	0.010	0.025	0.238	45
AL-1404C-2-1N-09	14	4	CL3R	PVC	0.010	0.025	0.286	74
AL-1202C-2-1N-09	12	2	CL3R	PVC	0.011	0.028	0.296	68

Standard color is gray, other colors available.

Most items available on spools or boxes except on larger O.D. products.

Diameters and weights may vary among manufacturers.

Paired conductors also available.

Security Low-voltage Cable

Standard Security Cable

Security/Alarm/Access Control/Sound Low-voltage Cable Shielded Nonplenum

PVC

Bare copper conductor

UL Listed Type CMR, CL3R

SPECIFICATIONS

1. CONDUCTOR: Bare copper, stranded or solid
2. INSULATION: Polyvinyl chloride (PVC)
3. SHIELDING: Aluminum/polyester with tinned copper drain wire
4. OVERALL JACKET: Gray polyvinyl chloride (PVC)
5. STANDARDS: NEC: CMR (22-16 AWG), CL3R (14-12 AWG); NEC Article(s) 800, 725
6. RATINGS: 75°C, 300 V



APPLICATIONS

For use in security systems, intercom systems, sound/audio systems, access control, power-limited controls.

Anixter No.	Conductor Size AWG	No. of Conductors	Rating	Insulation	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
AL-2202C-1-1S-09	22 (SOL)	2	CMR	PVC	0.007	0.015	0.128	14
AL-2202C-2-1S-09	22	2	CMR	PVC	0.007	0.015	0.121	14
AL-2203C-2-1S-09	22	3	CMR	PVC	0.007	0.017	0.127	15
AL-2204C-1-1S-09	22 (SOL)	4	CMR	PVC	0.007	0.015	0.142	19
AL-2204C-2-1S-09	22	4	CMR	PVC	0.007	0.015	0.142	19
AL-2206C-2-1S-09	22	6	CMR	PVC	0.007	0.015	0.176	27
AL-2208C-2-1S-09	22	8	CMR	PVC	0.007	0.018	0.189	34
AL-2210C-2-1S-09	22	10	CMR	PVC	0.007	0.020	0.225	42
AL-2212C-2-1S-09	22	12	CMR	PVC	0.007	0.022	0.232	48
AL-2002C-2-1S-09	20	2	CMR	PVC	0.008	0.015	0.151	18
AL-2003C-2-1S-09	20	3	CMR	PVC	0.007	0.017	0.145	19
AL-2004C-2-1S-09	20	4	CMR	PVC	0.007	0.017	0.159	23
AL-1802C-2-1S-09	18	2	CMR	PVC	0.009	0.015	0.178	25
AL-1803C-2-1S-09	18	3	CMR	PVC	0.009	0.015	0.185	32
AL-1804C-2-1S-09	18	4	CMR	PVC	0.009	0.018	0.205	40
AL-1806C-2-1S-09	18	6	CMR	PVC	0.009	0.020	0.230	60
AL-1808C-2-1S-09	18	8	CMR	PVC	0.009	0.020	0.262	64
AL-1602C-2-1S-09	16	2	CMR	PVC	0.009	0.018	0.200	33
AL-1604C-2-1S-09	16	4	CMR	PVC	0.009	0.020	0.217	58
AL-1404C-2-1S-09	14	4	CL3R	PVC	0.010	0.025	0.261	76
AL-1402C-2-1S-09	14	2	CL3R	PVC	0.010	0.025	0.252	52
AL-1202C-2-1S-09	12	2	CL3R	PVC	0.011	0.028	0.303	77

Standard color is gray, other colors available.

Most items available on spools or boxes except on larger O.D. products.

Diameters and weights may vary among manufacturers.

Paired conductors also available.

Security Low-voltage Cable

Standard Security Cable

Security/Alarm/Access Control/Sound Low-voltage Cable Nonshielded Plenum

FRPVC

Bare copper conductor

UL Listed Type CMP, CL3P

SPECIFICATIONS

1. CONDUCTOR: Bare copper, stranded or solid
2. INSULATION: Flame-retardant polyvinyl chloride (FRPVC)
3. OVERALL JACKET: Natural (white) flame-retardant polyvinyl chloride (FRPVC)
4. STANDARDS: NEC: CMP (22-16 AWG), CL3P (14-12 AWG); NEC Article(s) 800, 725
5. RATINGS: 75°C, 300 V



APPLICATIONS

For use in security systems, intercom systems, sound/audio systems, access control, power-limited controls.

Anixter No.	Conductor Size AWG	No. of Conductors	Rating	Insulation	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
AL-2202C-2-2N-01	22	2	CMP	FRPVC	0.007	0.015	0.110	11
AL-2202C-1-2N-01	22 (SOL)	2	CMP	FRPVC	0.007	0.015	0.103	11
AL-2203C-2-2N-01	22	3	CMP	FRPVC	0.007	0.015	0.117	14
AL-2204C-2-2N-01	22	4	CMP	FRPVC	0.007	0.015	0.127	17
AL-2204C-1-2N-01	22 (SOL)	4	CMP	FRPVC	0.007	0.015	0.119	17
AL-2206C-2-2N-01	22	6	CMP	FRPVC	0.007	0.015	0.168	22
AL-2208C-2-2N-01	22	8	CMP	FRPVC	0.007	0.015	0.183	30
AL-2210C-2-2N-01	22	10	CMP	FRPVC	0.007	0.015	0.110	42
AL-2212C-2-2N-01	22	12	CMP	FRPVC	0.007	0.015	0.110	44
AL-2002C-2-2N-01	20	2	CMP	FRPVC	0.008	0.015	0.124	13
AL-2003C-2-2N-01	20	3	CMP	FRPVC	0.008	0.015	0.127	17
AL-2004C-2-2N-01	20	4	CL3P	FRPVC	0.008	0.015	0.110	23
AL-1802C-2-2N-01	18	2	CMP	FRPVC	0.008	0.015	0.145	20
AL-1803C-2-2N-01	18	3	CMP	FRPVC	0.008	0.015	0.155	25
AL-1804C-2-2N-01	18	4	CMP	FRPVC	0.008	0.015	0.175	34
AL-1806C-2-2N-01	18	6	CMP	FRPVC	0.008	0.015	0.222	53
AL-1808C-2-2N-01	18	8	CMP	FRPVC	0.008	0.015	0.242	64
AL-1602C-2-2N-01	16	2	CMP	FRPVC	0.009	0.015	0.172	27
AL-1604C-2-2N-01	16	4	CMP	FRPVC	0.009	0.015	0.208	47
AL-1402C-2-2N-01	14	2	CL3P	FRPVC	0.010	0.017	0.222	40
AL-1404C-2-2N-01	14	4	CL3P	FRPVC	0.010	0.017	0.261	67
AL-1202C-2-2N-01	12	2	CL3P	FRPVC	0.011	0.017	0.256	61

Standard color is white, other colors available.

Most items available on spools or boxes except on larger O.D. products.

Diameters and weights may vary among manufacturers.

Paired conductors also available.

Security Low-voltage Cable

Standard Security Cable

Security/Alarm/Access Control/Sound Low-voltage Cable Shielded Plenum

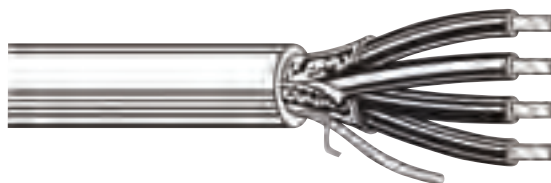
FRPVC

Bare copper conductor

UL Listed Type CMP, CL3P

SPECIFICATIONS

1. CONDUCTOR: Bare copper, stranded or solid
2. INSULATION: Flame-retardant polyvinyl chloride (FRPVC)
3. SHIELDING: Aluminum/polyester with tinned copper drain wire
4. OVERALL JACKET: Natural (white) flame-retardant polyvinyl chloride (FRPVC)
5. STANDARDS: NEC: CMP (22-16 AWG), CL3P (14-12 AWG); NEC Article(s) 800, 725
6. RATINGS: 75°C, 300 V



APPLICATIONS

For use in security systems, intercom systems, sound/audio systems, access control, power-limited controls.

Anixter No.	Conductor Size AWG	No. of Conductors	Rating	Insulation	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
AL-2202C-2-2S-01	22	2	CMP	FRPVC	0.007	0.015	0.112	12
AL-2202C-1-2S-01	22 (SOL)	2	CMP	FRPVC	0.007	0.015	0.121	14
AL-2203C-2-2S-01	22	3	CMP	FRPVC	0.007	0.015	0.118	14
AL-2204C-2-2S-01	22	4	CMP	FRPVC	0.007	0.015	0.129	19
AL-2204C-1-2S-01	22 (SOL)	4	CMP	FRPVC	0.007	0.015	0.119	19
AL-2206C-2-2S-01	22	6	CMP	FRPVC	0.007	0.015	0.170	27
AL-2208C-2-2S-01	22	8	CMP	FRPVC	0.007	0.015	0.183	32
AL-2210C-2-2S-01	22	10	CMP	FRPVC	0.007	0.018	0.189	42
AL-2212C-2-2S-01	22	12	CMP	FRPVC	0.007	0.015	0.110	44
AL-2002C-2-2S-01	20	2	CMP	FRPVC	0.008	0.015	0.129	17
AL-2003C-2-2S-01	20	3	CMP	FRPVC	0.008	0.015	0.150	20
AL-2004C-2-2S-01	20	4	CMP	FRPVC	0.008	0.015	0.110	23
AL-1802C-2-2S-01	18	2	CMP	FRPVC	0.008	0.015	0.150	25
AL-1803C-2-2S-01	18	3	CMP	FRPVC	0.008	0.015	0.160	29
AL-1804C-2-2S-01	18	4	CMP	FRPVC	0.008	0.015	0.177	37
AL-1806C-2-2S-01	18	6	CMP	FRPVC	0.008	0.015	0.224	55
AL-1808C-2-2S-01	18	8	CMP	FRPVC	0.008	0.015	0.259	66
AL-1602C-2-2S-01	16	2	CMP	FRPVC	0.009	0.015	0.174	30
AL-1604C-2-2S-01	16	4	CMP	FRPVC	0.009	0.015	0.212	58
AL-1402C-2-2S-01	14	2	CL3P	FRPVC	0.010	0.017	0.229	50
AL-1404C-2-2S-01	14	4	CL3P	FRPVC	0.010	0.017	0.261	67
AL-1202C-2-2S-01	12	2	CL3P	FRPVC	0.011	0.017	0.274	69

Standard color is white, other colors available.

Most items available on spools or boxes except on larger O.D. products.

Diameters and weights may vary among manufacturers.

Paired conductors also available.

Security Low-voltage Cable

Standard Security Cable

Security Access Control Low-voltage Cable Plenum

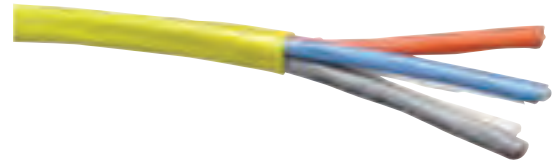
FRPVC

Bare copper conductor

UL Listed Type CMP

SPECIFICATIONS

1. CONDUCTOR: Bare copper, stranded A325
2. INSULATION: Flame-retardant polyvinyl chloride (FRPVC)
3. SHIELDING: Aluminum/polyester with tinned copper drain wire (each component is shielded)
4. OVERALL JACKET: Yellow flame-retardant plenum jacket
5. STANDARDS: NEC: CMP, NEC Article(s) 800
6. RATINGS: 75°C, 300 V



APPLICATIONS

For use in security access control systems.

FLUOROPOLYMER (PVDF) JACKET

4-component composite cable; each component is shielded and jacketed. Diameters and weights may vary among manufacturers. Fluoropolymer jacket.

Anixter No.	Component 1 AWG Size Lock Power	Component 2 AWG Size Door Contact	Component 3 AWG Size Rex Spare	Component 4 AWG Size Card Reader	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
ACCESSJKTPLEN	18-4C	22-2C	22-4C	22-3P	0.435	126

LOW SMOKE PVC JACKET

Each component is shielded and jacketed. For [ACCESSPLENJKT1SHLD](#), only the 22-3P is shielded.

Anixter No.	Component 1 AWG Size Lock Power	Component 2 AWG Size Door Contact	Component 3 AWG Size Rex Spare	Component 4 AWG Size Card Reader	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
ACCESSPLENJKT1SHLD	18-4C	22-2C	22-4C	22-3P	0.435	126
ACCESSPLENJKT4SHLD	18-4C	22-2C	22-4C	22-3P	0.435	126

Security Low-voltage Cable

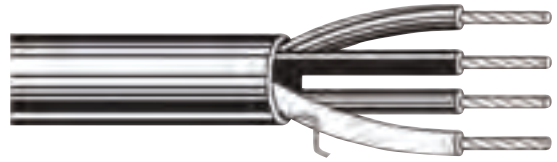
Standard Security Cable

Fire Alarm Cable Nonshielded Nonplenum

PVC
Solid conductor
FPLR, UL Listed

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Polyvinyl chloride (PVC)
3. OVERALL JACKET: Polyvinyl chloride (PVC), red is standard, other colors available
4. STANDARDS: NEC: FPLR (riser), UL Listed
5. RATINGS: 75°C, 300 V



APPLICATIONS

For use in power-limited fire and burglar alarms, smoke detectors and security systems.

Anixter No.	Conductor Size AWG	No. of Conductors	Rating	Insulation	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
FA-1202C-1-1N-03	12	2	FPLR	PVC	0.008	0.018	0.253	58
FA-1402C-1-1N-03	14	2	FPLR	PVC	0.011	0.018	0.216	42
FA-1404C-1-1N-03	14	4	FPLR	PVC	0.011	0.018	0.258	80
FA-1602C-1-1N-03	16	2	FPLR	PVC	0.010	0.015	0.176	26
FA-1604C-1-1N-03	16	4	FPLR	PVC	0.010	0.018	0.158	45
FA-1802C-1-1N-03	18	2	FPLR	PVC	0.010	0.015	0.166	23
FA-1804C-1-1N-03	18	4	FPLR	PVC	0.010	0.015	0.180	37
FA-1806C-1-1N-03	18	6	FPLR	PVC	0.010	0.015	0.220	50
FA-2204C-1-1N-03	22	4	FPLR	PVC	0.008	0.015	0.141	17

Note: -03 is for red jacket, other colors available.

Most items available on spools or boxes except on larger O.D. products.

Diameters and weights may vary among manufacturers.

Stranded conductor available in some constructions (sample part # FA-1802C-2-1N-03).

Security Low-voltage Cable

Standard Security Cable

Fire Alarm Cable Shielded Nonplenum

PVC

Solid conductor

FPLR, UL Listed

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Polyvinyl chloride (PVC)
3. SHIELDING: Aluminum/polyester with tinned copper drain wire
4. OVERALL JACKET: Polyvinyl chloride (PVC), red is standard, other colors available
5. STANDARDS: NEC: FPLR (riser), UL Listed
6. RATINGS: 75°C, 300 V



APPLICATIONS

For use in power-limited fire and burglar alarms, smoke detectors and security systems.

Anixter No.	Conductor Size AWG	No. of Conductors	Rating	Insulation	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
FA-1202C-1-1S-03	12	2	FPLR	PVC	0.012	0.018	0.261	77
FA-1402C-1-1S-03	14	2	FPLR	PVC	0.011	0.018	0.224	43
FA-1404C-1-1S-03	14	4	FPLR	PVC	0.011	0.018	0.266	88
FA-1602C-1-1S-03	16	2	FPLR	PVC	0.010	0.015	0.184	32
FA-1604C-1-1S-03	16	4	FPLR	PVC	0.010	0.018	0.230	56
FA-1802C-1-1S-03	18	2	FPLR	PVC	0.010	0.015	0.166	23
FA-1804C-1-1S-03	18	4	FPLR	PVC	0.010	0.015	0.188	37
FA-2204C-1-1S-03	22	4	FPLR	PVC	0.008	0.015	0.141	19

Note: -03 is for red jacket, other colors available.

Most items available on spools or boxes except on larger O.D. products.

Diameters and weights may vary among manufacturers.

Stranded conductor available in some constructions (sample part # FA-1802C-2-1S-03).

Security Low-voltage Cable

Standard Security Cable

Fire Alarm Cable Nonshielded Plenum

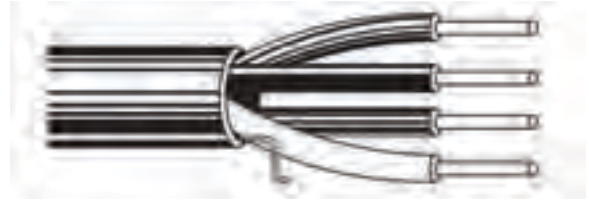
FRPVC

Solid conductor

FPLP, UL Listed

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Flame-retardant Polyvinyl Chloride (FRPVC)
3. OVERALL JACKET: Flame-retardant Polyvinyl Chloride (FRPVC), red is standard, other colors available
4. STANDARDS: NEC: FPLP (plenum), UL Listed
5. RATINGS: 75°C, 300 V



APPLICATIONS

For use in power-limited fire and burglar alarms, smoke detectors and security systems.

Anixter No.	Conductor Size AWG	No. of Conductors	Rating	Insulation	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
FA-1202C-1-2N-03	12	2	FPLP	FRPVC	0.080	0.015	0.230	53
FA-1402C-1-2N-03	14	2	FPLP	FRPVC	0.080	0.015	0.189	37
FA-1404C-1-2N-03	14	4	FPLP	FRPVC	0.080	0.015	0.221	67
FA-1602C-1-2N-03	16	2	FPLP	FRPVC	0.080	0.015	0.163	26
FA-1604C-1-2N-03	16	4	FPLP	FRPVC	0.080	0.015	0.185	46
FA-1802C-1-2N-03	18	2	FPLP	FRPVC	0.080	0.015	0.134	19
FA-1804C-1-2N-03	18	4	FPLP	FRPVC	0.080	0.015	0.158	31
FA-1806C-1-2N-03	18	6	FPLP	FRPVC	0.080	0.015	0.205	45

Note: -03 is for red jacket, other colors available.

Most items available on spools or boxes except on larger O.D. products.

Diameters and weights may vary among manufacturers.

Stranded conductor available in some constructions (sample part # FA-1202C-2-2N-03).

Security Low-voltage Cable

Standard Security Cable

Fire Alarm Cable Shielded Plenum

FRPVC

Solid conductor

FPLP, UL Listed

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION: Flame-retardant polyvinyl chloride (FRPVC)
3. SHIELDING: Aluminum/polyester with tinned copper drain wire
4. OVERALL JACKET: Flame-retardant polyvinyl chloride (FRPVC), red is standard, other colors available
5. STANDARDS: NEC: FPLP (plenum), UL Listed
6. RATINGS: 75°C, 300 V



APPLICATIONS

For use in power-limited fire and burglar alarms, smoke detectors and security systems.

Anixter No.	Conductor Size AWG	No. of Conductors	Rating	Insulation	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
FA-1202C-1-2S-03	12	2	FPLP	FRPVC	0.080	0.015	0.240	62
FA-1402C-1-2S-03	14	2	FPLP	FRPVC	0.080	0.015	0.198	45
FA-1404C-1-2S-03	14	4	FPLP	FRPVC	0.080	0.015	0.242	74
FA-1602C-1-2S-03	16	2	FPLP	FRPVC	0.080	0.015	0.177	28
FA-1604C-1-2S-03	16	4	FPLP	FRPVC	0.080	0.015	0.203	46
FA-1802C-1-2S-03	18	2	FPLP	FRPVC	0.080	0.015	0.154	21
FA-1804C-1-2S-03	18	4	FPLP	FRPVC	0.080	0.015	0.178	34

Note: -03 is for red jacket, other colors available.

Most items available on spools or boxes except on larger O.D. products.

Diameters and weights may vary among manufacturers.

Stranded conductor available in some constructions (sample part # FA-1202C-2-2S-03).

Security Low-voltage Cable

Standard Security Cable

CCTV Low-voltage Nonplenum

75 ohm

PVC

Solid bare copper conductor

UL Listed Type CM

SPECIFICATIONS

1. CONDUCTOR: Solid bare copper
2. INSULATION/DIELECTRIC: Foamed polyethylene (FPE) or foamed polyolefin (FPO)
3. SHIELDING: Bare copper, 95% braid coverage
4. OVERALL JACKET: Polyvinyl chloride (PVC) black
5. STANDARDS: NEC: CM; NEC Article 800
6. RATINGS: 75°C, 300 V

APPLICATIONS

For use in closed-circuit television systems (CCTV) and surveillance applications.



Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
RG59PVC	RG59	75	16.3	78%	20	0.144	95% BC Braid	0.240	35	CM, CL2
RG6PVC	RG6	75	16.3	78%	18	0.180	95% BC Braid	0.270	44	CM, CL2
RG11PVC	RG11	75	16.1	78%	14	0.280	95% BC Braid	0.400	87	CL3
RG59PVCSIAMESE	RG59	75	16.3	78%	20	0.144	95% BC Braid	0.285 x 0.360	60	CM, CL3
RG6PVCSIAMESE	RG6	75	16.3	78%	18	0.180	95% BC Braid	0.275 x 0.445	64	CM, CL2

Non-siamese types available in spool or box put ups.

Siamese constructions include 18-2 conductor.

Diameters and weights may vary among manufacturers.

Security Low-voltage Cable

Standard Security Cable

CCTV Low-voltage Plenum

75 ohm

FRPVC

Solid bare copper conductor

UL Listed Type CMP

SPECIFICATIONS

1. CONDUCTOR: Bare copper, stranded or solid
2. INSULATION/DIELECTRIC: Foamed fluorinated ethylene-propylene (FFEP)
3. SHIELDING: Bare copper, 95% braid coverage
4. OVERALL JACKET: White (natural) flame-retardant polyvinyl chloride (FRPVC)
5. STANDARDS: NEC: CMP; NEC Article 800
6. RATINGS: 75°C, 300 V

APPLICATIONS

For use in closed-circuit television systems (CCTV) and surveillance applications.



Anixter No.	RG Type	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel. of Prop.	AWG	Nominal Insulation O.D. (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
RG59PLN	RG59	75	16.3	82%	20	0.135	95% BC Braid	0.193	32	CMP, CL2P
RG6PLN	RG6	75	16.3	82%	18	0.170	95% BC Braid	0.221	42	CMP, CL2P
RG11PLN	RG11	75	16.1	82%	14	0.274	95% BC Braid	0.335	90	CL3P
RG59SIAMESEPLN	RG59	75	16.3	82%	20	0.135	95% BC Braid	0.421 x 0.245	52	CMP
RG6SIAMESEPLN	RG6	75	16.3	82%	18	0.170	95% BC Braid	0.232 x 0.420	70	CMP, CL2P

Non-siamese types available in spool or box put ups.

Siamese constructions include 18-2 conductor.

Diameters and weights may vary among manufacturers.