

## Ethernet/IP Cordset

### Application

Connection of devices on an Industrial Network using the Ethernet/IP communication protocol.

### Advantages

Ethernet/IP cordsets designed to integrate seamlessly into Ethernet/IP systems (plug & play), Industrial grade cordset for harsh environments, Belden Bonded Twisted Pair for enhanced data performance.

### Target Customers

Machine builders, factory automation, process control, robotics, or anyone using Ethernet/IP.

## Questions to Ask

### How are you connecting your devices?

#### If they use cordsets:

- Who do you use? Some competitors are Turck, Molex, Brad-Harrison, Phoenix, Murr, & Allen-Bradley. Contact customer service at 1-800-BELDEN1 for cross reference.

#### If they hard-wire their systems:

Involve your Belden Sales Engineer for discussion on quick disconnect alternatives.

### What communication protocol do you use?

#### If Ethernet/IP:

- Do you use shielded or un-shielded cordsets?
- What connectors are on each end? M12 or RJ45? Straight, Right Angle or Bulkhead Mount?
- What length are your cordsets? See other side of sheet for part numbers.

#### If Profinet, Profibus, Devicenet or any other:

Go to [www.lumberg-automationusa.com](http://www.lumberg-automationusa.com), click on Connectivity Products, then Fieldbus. Use Index to choose your cordset.

### Do you have any issues with electrical noise in your system?

Belden Bonded Twisted Pair Technology is used in these Ethernet/IP cordsets and can help reduce electrical noise.



## Ethernet/IP Cordset

### UTP Bonded-Pair, 2-Pair, M12 D-Code, 24 AWG, Stranded, High Flex, Teal, TPE Jacket

Connector 1	Connector 2	Length	Order #	Anixter Part Number	Description
M12 Male, Straight	M12 Male, Straight	1M	900004052	585758	0985 806 100/1M
M12 Male, Straight	M12 Male, Straight	2M	900004056	585759	0985 806 100/2M
M12 Male, Straight	M12 Male, Straight	5M	900004064	585760	0985 806 100/5M
M12 Male, Straight	M12 Male, Straight	10M	900004049	585761	0985 806 100/10M
M12 Male, Straight	RJ45 Male	1M	900004078	585762	0985 806 103/1M
M12 Male, Straight	RJ45 Male	2M	900004082	585763	0985 806 103/2M
M12 Male, Straight	RJ45 Male	5M	900004086	585764	0985 806 103/5M
M12 Male, Straight	RJ45 Male	10M	900004075	585765	0985 806 103/10M
M12 Female, Bulkhead	RJ45 Male	0.5M	900004088	585766	0985 806 104/0.5M
M12 Female, Bulkhead	RJ45 Male	1M	900004093	585767	0985 806 104/1M
M12 Female, Bulkhead	RJ45 Male	2M	900004095	585768	0985 806 104/2M
M12 Female, Bulkhead	RJ45 Male	5M	900004096	585769	0985 806 104/5M
RJ45 Male	RJ45 Male	1M	900004106	585770	0985 806 500/1M
RJ45 Male	RJ45 Male	2M	900004109	585771	0985 806 500/2M
RJ45 Male	RJ45 Male	5M	900004113	585772	0985 806 500/5M
RJ45 Male	RJ45 Male	10M	900004104	585773	0985 806 500/10M

Also available as:

M12 Male-M12 Female (102), M12 Female-M12 Female (112), M12 90° Male-M12 90° Male (124),  
M12 90° Male-M12 Straight Male (125), M12 90° Male-RJ45 Male (126), M12 90° Male-M12 Straight Female (127)



Now  
Rated to  
600V AWM

### Shielded Bonded-Pair, 2-Pair, M12 D-Code, 24 AWG, Stranded, High Flex, Teal, TPE Jacket

Connector 1	Connector 2	Length	Order #	Anixter Part Number	Description
M12 Male, Straight	M12 Male, Straight	1M	900004138	585774	0985 YM57530 100/1M
M12 Male, Straight	M12 Male, Straight	2M	900004139	585776	0985 YM57530 100/2M
M12 Male, Straight	M12 Male, Straight	5M	900004140	585777	0985 YM57530 100/5M
M12 Male, Straight	M12 Male, Straight	10M	900004141	585778	0985 YM57530 100/10M
M12 Male, Straight	RJ45 Male	1M	900004147	585779	0985 YM57530 103/1M
M12 Male, Straight	RJ45 Male	2M	900004148	585780	0985 YM57530 103/2M
M12 Male, Straight	RJ45 Male	5M	900004150	585781	0985 YM57530 103/5M
M12 Male, Straight	RJ45 Male	10M	900004151	585782	0985 YM57530 103/10M
M12 Female, Bulkhead	RJ45 Male	0.5M	900004156	585783	0985 YM57530 104/0.5M
M12 Female, Bulkhead	RJ45 Male	1M	900004157	585784	0985 YM57530 104/1M
M12 Female, Bulkhead	RJ45 Male	2M	900004158	585785	0985 YM57530 104/2M
M12 Female, Bulkhead	RJ45 Male	5M	900004159	585786	0985 YM57530 104/5M
RJ45 Male	RJ45 Male	1M	900004164	585787	0985 YM57530 500/1M
RJ45 Male	RJ45 Male	2M	900004165	585788	0985 YM57530 500/2M
RJ45 Male	RJ45 Male	5M	900004167	585789	0985 YM57530 500/5M
RJ45 Male	RJ45 Male	10M	900004168	585790	0985 YM57530 500/10M

Please contact us for other connector configurations, cable types, and lengths.

