

LazrSPEED® WideBand OM5 Solution

Global Communication

To meet the challenges associated with escalating data rates and the ongoing need to build cost effective infrastructure that can support bandwidth needs today and in the future, CommScope announces **LazrSPEED 550 WideBand Multimode Fibre (WBMMF) OM5 cabling solutions**. This new solution enhances the ability of short-wavelength division multiplexing (SWDM) technology to provide a minimum four-fold increase in usable bandwidth while maintaining compatibility with current OM3 and OM4 fibres and supporting all legacy multimode applications



Features and Benefits of SWDM and LazrSPEED 550 WB OM5 Solution:

- Compliant with OM5 specifications (to be published in IEC 60793-2-10 edition 6)
- Retains legacy application support of OM4 and OM3
- Compliant with ANSI/TIA-492AAAEspecification for Wideband Multimode Fibre (WBMMF)
- Increases capacity to > 100G per fibre with SWDM
- Enables single-pair Ethernet at 40G and 100G
- Enables single-pair Fibre Channel at 128G
- Reduces parallel fibre count by factor of 4
- Extends MMF utility as universal medium
- Matches footprint of InstaPATCH® 360DM module
- Fits existing 360G2, UHD and HD fibre shelves

Ordering Information:

24f InstaPATCH® 360DM Module

MID	Product Code	Description
760217950	360DMis-24LC-WB	InstaPATCH® 360 LazrSpeed® WideBand Module, 12 Duplex LC Ports, Internal Shutter
760210609	360DM-24LC-WB	InstaPATCH® 360 LazrSpeed® WideBand Module, 12 Duplex LC Ports, External Shutter, iPatch-Compatible

InstaPATCH® Low Loss Trunks

F	G	V	MP	MP	A	D	-	N	B	F	010				
G – Trunk, Plenum	V - LazrSPEED 550 WideBand	MP – MPO (female)	MP – MPO (female)	A - 12f MP Cable	D-12 fibre	N – Lime Green	-	A – No Gland	F - Feet	010-999 ft					
											MX – MPO (male)	F-24 fibre*	B – With Gland	M - Meters	003-999 m
												G-36 fibre*	C – With Pulling Grip		
												H-48 fibre*			
												K-72 fibre*			
												L-96 fibre*			
			M-144 fibre												

MPO Array Fanout

F	G	V	MX	LC	G	D	-	N	D	F	010					
Q – Array, Plenum	V - LazrSPEED 550 WideBand	MP – MPO (female)	LC – LC Standard	G – MP Cord	D-12 fibre	N – Lime Green	-	D – 12" Breakout, No Gland	F - Feet	12"	002-200 ft					
												MX – MPO (male)	E – 24" Breakout, No Gland	M - Meters	24"	004-200 ft
													S – 36" Breakout, No Gland		36"	005-200 ft
													H – 48" Breakout, no Gland		48"	006-200 ft
													L – 72" Breakout, No Gland		72"	008-200 ft
													P – 96" Breakout, No Gland		96"	010-200 ft
															12"	001-061 m
															24"	002-061 m
															36"	002-061 m
															48"	002-061 m
															72"	003-061 m
															96"	004-061 m

MPO Patch Cord

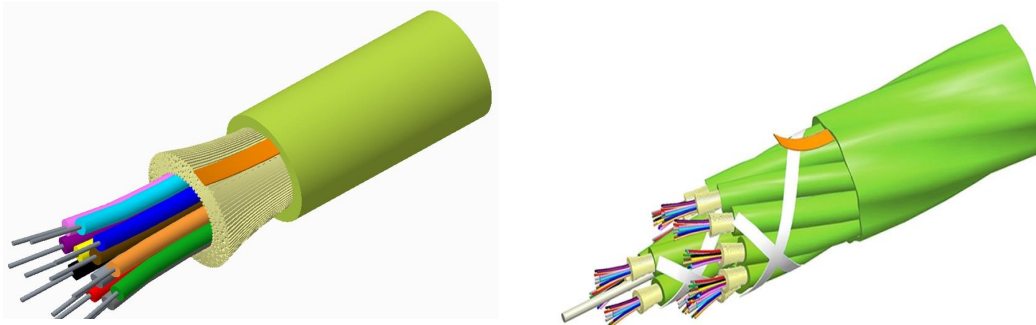
F	Q	V	MP	MP	G	D	-	N	A	F	010
	Q – Array, Plenum	V - LazrSPEED 550 WideBand	MP – MPO (female)	MP – MPO (female)	G – MP Cord	D – 12 fibre		N – Lime Green	A – No Gland	F - Feet	002-999 ft
			MX – MPO (male)	MX – MPO (male)						M - Meters	001-999 m

Uniboot LC Jumper

F	D	V	LU	LU	6	2	-	N	X	F	010
	D – Jumper, Plenum	V - LazrSPEED 550 WideBand	LU – LC Uniboot	LU – LC Uniboot	6 – 2mm IC Cord	2 – 2 fibre		N – Lime Green	X – No breakout	F - Feet	002-999 ft
										M - Meters	001-999 m

Indoor cables

CommScope also has a comprehensive offering of indoor cables

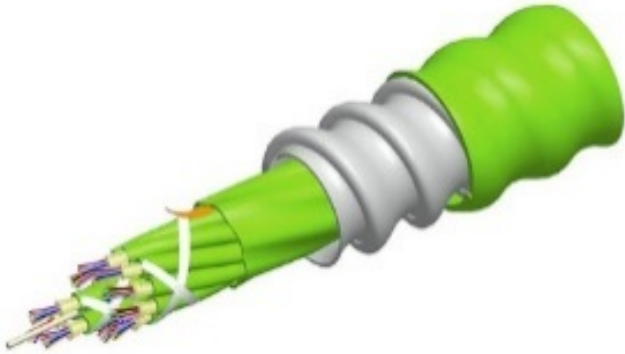


Standard Indoor Cables

WBMMF – Plenum	
Product Description	MID
P-002-DS-5G-FSULM	760229351
P-004-DS-5G-FSULM	760229469
P-006-DS-5G-FSULM	760229377
P-008-DS-5G-FSULM	760229385
P-012-DS-5G-FSULM	760229393
P-018-DS-5G-FSULM	760229401
P-024-DS-5G-FSULM	760229419
P-036-DS-5G-FMULM	760229427
P-048-DS-5G-FMULM	760229435
P-072-DS-5G-FMULM	760229443
P-096-DS-5G-FMULM	760229450
P-144-DS-5G-FMULM	760229468

WBMMF – Riser	
Product Description	MID
R-002-DS-5G-FSULM	760229708
R-004-DS-5G-FSULM	760229716
R-006-DS-5G-FSULM	760229724
R-008-DS-5G-FSULM	760229732
R-012-DS-5G-FSULM	760229740
R-018-DS-5G-FSULM	760229757
R-024-DS-5G-FSULM	760229765
R-036-DS-5G-FMULM	760229773
R-048-DS-5G-FMULM	760229781
R-072-DS-5G-FMULM	760229799
R-096-DS-5G-FMULM	760229807
R-144-DS-5G-FMULM	760229815

WBMMF – LSZH	
Product Description	MID
N-002-DS-5G-FSULM	760231548
N-004-DS-5G-FSULM	760231555
N-006-DS-5G-FSULM	760231563
N-008-DS-5G-FSULM	760231571
N-012-DS-5G-FSULM	760231589
N-018-DS-5G-FSULM	n/a
N-024-DS-5G-FSULM	760231597
N-036-DS-5G-FMULM	760231605
N-048-DS-5G-FMULM	760231613
N-072-DS-5G-FMULM	760231621
N-096-DS-5G-FMULM	n/a
N-144-DS-5G-FMULM	n/a



Interlocking Armor Cables

WBMMF – Plenum	
Product Description	MID
P-002-DZ-5G-FSULM	760229476
P-004-DZ-5G-FSULM	760229484
P-006-DZ-5G-FSULM	760229492
P-008-DZ-5G-FSULM	760229500
P-012-DZ-5G-FSULM	760229518
P-018-DZ-5G-FSULM	760229526
P-024-DZ-5G-FSULM	760229534
P-036-DZ-5G-FMULM	760229542
P-048-DZ-5G-FMULM	760229559
P-072-DZ-5G-FMULM	760229567
P-096-DZ-5G-FMULM	760229575
P-144-DZ-5G-FMULM	760229583

WBMMF – Riser	
Product Description	MID
R-002-DZ-5G-FSULM	760229831
R-004-DZ-5G-FSULM	760229849
R-006-DZ-5G-FSULM	760229856
R-008-DZ-5G-FSULM	760229864
R-012-DZ-5G-FSULM	760229872
R-018-DZ-5G-FSULM	760229880
R-024-DZ-5G-FSULM	760229898
R-036-DZ-5G-FMULM	760229906
R-048-DZ-5G-FMULM	760229914
R-072-DZ-5G-FMULM	760229922
R-096-DZ-5G-FMULM	760229930
R-144-DZ-5G-FMULM	760229948

WBMMF – LSZH	
Product Description	MID
N-002-DZ-5G-FSULM	760232272
N-004-DZ-5G-FSULM	n/a
N-006-DZ-5G-FSULM	760232280
N-008-DZ-5G-FSULM	n/a
N-012-DZ-5G-FSULM	760232298
N-018-DZ-5G-FSULM	n/a
N-024-DZ-5G-FSULM	760232306
N-036-DZ-5G-FMULM	n/a
N-048-DZ-5G-FMULM	760232314
N-072-DZ-5G-FMULM	n/a
N-096-DZ-5G-FMULM	n/a
N-144-DZ-5G-FMULM	n/a

Solution Availability:

- The LazrSPEED WB OM5 solution is available globally. Please contact CommScope Customer Service for updated lead times.