

## Singlemode can support 40GBASE-PLR4 / 100GBASE-PSM4 in applicable parallel optics networks MTP/MPO (APC) to 4xLC (UPC) Singlemode Breakout Patch Cable, 40/100 GbE, QSFP+ 40GBASE-PLR4, Plenum, Yellow, 3 m (10 ft.)

## MODEL NUMBER: N390-03M-8LC-AP









Premium 9/125 singlemode fiber optic cabling for transmitting 40/100 Gb data and voice signals. Designed for high-density fiber patching between data center MDFs and IDFs in enterprise installations.

#### Features

#### 9/125 Rated Singlemode Cable for 40/100 Gb Ethernet Applications

- Designed for high-density fiber patching between data center MDFs and IDFs in enterprise installations
- Optimized for QSFP+ 40GBASE-PLR4 and QSFP28 100GBASE-PSM4 networks
- · Plenum-rated jacket suited for ceilings, walls and ducts
- · Yellow-colored for identification as a singlemode cable

#### MTP/MPO APC and LC Duplex UPC Connectors with Push/Pull Tabs

- MTP/MPO female connector and 8 LC duplex male connectors—no splicing required
- 12-fiber MTP/MPO connector 12 times denser than SC connector
- APC connector angled to prevent light from reflecting back into laser
- UPC connector with premium-grade ceramic ferrule for 10 GbE and faster applications
- Push/pull tabs easy to install and remove with one hand

#### Error-Free Signal Transfer

- Fully transmits 40GBASE-PLR4 with 4 fibers transmitting at 10 Gbps in each direction
- 100% tested for low insertion loss and back reflection
- Slim, space-saving uniboot design easier to manage in crowded applications

# **Specifications**

### Highlights

- Push/pull tab connectors install/remove with one hand
- 12-fiber MTP/MPO connectors with 12x density of SC connectors
- Slim space-saving uniboot design for easy cable management
- Angled APC connectors protect laser against destabilization
- Yellow color for quick singlemode identification

#### **Package Includes**

• N390-03M-8LC-AP MTP/MPO to 8xLC Singlemode Breakout Patch Cable, Yellow, 3 m



PPC Code         037332206599           Technology         Singlemode           Optical Mode         OS2           PHYSICAL         Singlemode           Sable Jackot Color         Yellow           Donnector Color         Blue; Green; Black           Cade Jacket Material         PVC           Cable Langth (microns)         125           Cable Length (microns)         9           Sable Length (ft.)         9.8           Cable Length (ft.)         9.8           Cable Length (ft.)         9.8           Cable Length (ft.)         9.8           Cable Length (ft.)         9.8           Sable Length (ft.)         9.0 × 7.0 × 0.5.0           Shipping Dimensions (hwd / cm)         9.0 × 7.0 × 0.5.0           Shipping Weight (fb.)         0.7 × 0.0 × 0.5.0           Shipping Weight (fb.)			
Technology         Singlemode           Optical Mode         OS2           PHYSICAL         Select Color           PhySicAL         Bilue: Green: Black           Connector Color         Bilue: Green: Black           Cable Jacket Material         PVC           Cable Length (fn.)         18.1           Mathem Fibres         2.90           Sable Length (fn.)         2.80 × 17.78 × 1.27           Shipping Weight (fog)         0.80           Shipping Weight (fog)         0.81 <th>OVERVIEW</th> <th></th>	OVERVIEW		
Optical Mode         OS2           PHYSICAL         Table Jacket Color         Yellow           Connector Color         Blue; Green; Black         Secondary           Sable Jacket Material         PVC         Secondary           Sable Langth (ncrons)         9         Secondary         Secondary           Sable Length (n)         18.1         Secondary         Secondary           Sable Langth (n.)         19.1         Secondary         Secondary           Sable Mathritum Bend Radius         20MM (Dynamic): 10MM (Static)         Secondary         Secondary           Shipping Uniensions (nwd / in, 900 x 00 x 0.0 x 0.0 So         Secondary         Secondary         Secondary           Shipping Weight (bp.)         0.38         Secondary         Secondary         Secondary         Secondary	UPC Code	037332205599	
PHYSICAL           Sable Jackst Color         Yellow           Sable Jackst Color         Blue: Green; Black           Sable Jackst Material         PVC           Sable Jackst Material         9           Mumber of Fibers         8           Sable Length (III)         9.8           Sable Length (III)         9.8           Sable Length (III)         118.1           Minimum Band Radius         20MM (Dynamic); 10MM (Static)           Shipping Dimensions (Invd / cm)         22.85 x 17.78 x 1.27           Shipping Dimensions (Invd / iIII)         9.00 x 7.00 x 0.50           Shipping Weight (Ibs.)         0.17           ENVIRONMENTAL         0.17           Operating Temperature Range         -4 to 140 "F (-20 to 60 "C)           Space Humidity Range         5% to 65% RH, Non-Conden	Technology	Singlemode	
Cable Jacket Color         Yellow           Connector Color         Blue; Green; Black           Cable Jacket Material         PVC           Cable Jacket Material         PVC           Cable Jacket Rating         OFNP           Cable Jacket Rating         0FNP           Cable Jacket Rating         9           Core Dameter (microns)         9           Vumber of Fibers         8           Cable Length (m)         9.9           Cable Length (m)         2.99           Cable Length (m)         2.99           Cable Length (m)         2.86 x 17.78 x 1.27           Shipping Dimensions (hwd / cm)         2.86 x 17.78 x 1.27           Shipping Weight (b)         0.08           Shipping Weight (b)         0.17           ENVERONMENTAL         0.08           Caperating Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Communication & 130 °F (-20 to 60 °C)         0.00000000000000000000000000000000000	Optical Mode	OS2	
Connector Color         Blue; Green; Black           Cable Jacket Material         PVC           Cable Jacket Material         OFNP           Cable Jacket Rafing         OFNP           Cable Jacket Rafing         9           Cable Jacket Rafing         9           Cable Jacket Rafing         9           Cable Jacket Rafing         9           Cable Length (nicrons)         9           Cable Length (ni, )         9.8           Cable Length (ni, )         118.1           Cable Length (ni, )         118.1           Shipping Dimensions (nwd / cm)         22.86 x 17.78 x 1.27           Shipping Dimensions (nwd / cm)         9.00 x 7.00 x 0.50           Shipping Viewskins (rwd)         0.08           Shipping Viewskins         0.17           Starge Temperature Range         -4 to 140 °F (-20 to 60 °C)           Sparating Temperature Range         -4 to 140 °F (-20 to 60 °C)           Sparating Humidity Range         5% to 85% RH, Non-Condensing           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Sparating Humidity Range         5% to 65% RH, Non-Condensing           Storage Humidity Range         5% to 65% RH, Non-Condensing           Storage Humidity Range         0.36d J/m	PHYSICAL		
Cable Jacket Material         PVC           Cable Jacket Rating         OFNP           Cable Jacket Rating         OFNP           Cable Jacket Rating         9           Cable Jacket Rating         9           Cable Jacket Rating         9           Cable Langht (microns)         9           Cable Length (ft.)         9.8           Cable Length (m)         2.99           Cable Length (m)         118.1           Minimum Bend Radius         20MM (Dynamic); 10MM (Static)           Shipping Dimensions (hwd / cm)         22.86 x 17.78 x 1.27           Shipping Dimensions (hwd / cm)         9.00 x 7.00 x 0.50           Shipping Dimensions (hwd / cm)         9.00 x 7.00 x 0.50           Shipping Temepsions (hwd / cm)         0.08           Shipping Temepsions (hwd / cm)         0.08           Shipping Temepsions (hwd / cm)         0.08           Shipping Temepsions (hwd / fc)         0.17           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Humidity Range         5% to 65% RH, Non-Co	Cable Jacket Color	Yellow	
Cable Jacket Rating         OFNP           Clad Diameter (microns)         125           Core Diameter (microns)         9           Number of Fibers         8           Cable Length (t.)         9.8           Cable Length (m)         2.99           Cable Length (m)         118.1           Minimum Bend Radius         20MM (Dynamic); 10MM (Static)           Shipping Dimensions (hwd / cm)         2.86 x 17.78 x 1.27           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Weight (kg)         0.08           Shipping Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Operating Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Operating Humidity Range         5% to 65% RH, Non-Condensing           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Verwork Compatibility         40 Gbps; 100 Gbps; 400 Gbps           Attenuation @ 1310NM	Connector Color	Blue; Green; Black	
Lad Diameter (microns)     125       Core Diameter (microns)     9       Number of Fibers     8       Cable Length (ft.)     9.8       Cable Length (m)     2.99       Cable Length (m)     118.1       Vinimum Bend Radius     20MM (Dynamic); 10MM (Static)       Shipping Dimensions (hwd / cm)     22.86 x 17.78 x 1.27       Shipping Dimensions (hwd / in.)     9.00 x 7.00 x 0.50       Shipping Weight (kg)     0.08       Shipping Vieight (kg)     0.08       Shipping Temperature Range     4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     3% to 65% RH, Non-Condensing       Storage Temperature Range     3% to 65% RH, Non-Condensing       Storage Temperature Range     4 to 140 °F (-20 to 60 °C)       CommUNICATIONS     40 Gbps; 100 Gbps; 400 Gbps       Attenuation @ 1310NM     0.36dB/Km       Natenuation @ 1310NM     0.36dB/Km       nsertion Loss     MPC0.70dB; LC0.30dB	Cable Jacket Material	PVC	
Core Diameter (microns)         9           Sumber of Fibers         8           Cable Length (ft.)         9.8           Cable Length (m)         2.99           Cable Length (m)         118.1           Cable Length (m)         22.86 x 17.78 x 1.27           Shipping Dimensions (hwd / cm)         22.86 x 17.78 x 1.27           Shipping Dimensions (hwd / im.)         9.00 x 7.00 x 0.50           Shipping Weight (kg)         0.08           Shipping Weight (kg.)         0.17           Shipping Temperature Range         4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         4 to 140 °F (-20 to 60 °C)           Operating Temperature Range         4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         4 to 140 °F (-20 to 60 °C)           Operating Humidity Range         35% to 65% RH, Non-Condensing           Storage Temperature Range         4 to 140 °F (-20 to 60 °C)           Operating Humidity Range         35% to 65% RH, Non-Condensing           Storage Temperature Range         4 to 140 °F (-20 to 60 °C)           Operating Humidity Range         35% to 65% RH, Non-Condensing           Storage Humidity Range         35% to 65% RH, Non-Condensing           Storage Hum	Cable Jacket Rating	OFNP	
Number of Fibers         8           Cable Length (ft.)         9.8           Cable Length (m)         2.99           Cable Length (m)         118.1           Cable Length (m)         118.1           Minimum Bend Radius         20MM (Dynamic); 10MM (Static)           Shipping Dimensions (hwd / cm)         22.86 x 17.78 x 1.27           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Weight (kg)         0.08           Shipping Weight (kg)         0.17           EnvironMENTAL         200 x 1.00 x 0.50 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -5% to 85% RH, Non-Condensing           Storage Humidity Range         35% to 65% RH, Non-Condensing           Storage Humidity Range         35% to 65% RH, Non-Condensing           Communication @ 1310M         0.36dB/Km           Attenuation @ 1310M         0.36dB/Km           Natenuation @ 1550NM         0.22dB/Km           nenetion Loss         MPO0.70dB; LC0.30dB	Clad Diameter (microns)	125	
Cable Length (ft.)         9.8           Cable Length (m)         2.99           Cable Length (in.)         118.1           Viinimum Bend Radius         20MM (Dynamic); 10MM (Static)           Shipping Dimensions (hwd / cm)         22.86 x 17.78 x 1.27           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Weight (kg)         0.08           Shipping Weight (kg)         0.17           ENVIRONMENTAL         0.17           ENVIRONMENTAL         22.90 x 0.50 x 0.50           Shipping Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Temperature Range         -4 to 140 °F (-20 to 60 °C)           Storage Humidity Range         5% to 85% RH, Non-Condensing           Storage Humidity Range         5% to 65% RH, Non-Condensing           COMMUNICATIONS         40 Gbps; 100 Gbps; 400 Gbps           Natenuation @ 1310NM         0.36dB/Km           Attenuation @ 1310NM         0.22dB/Km           nsertion Loss         MP00.70dB; LC0.30dB	Core Diameter (microns)	9	
Zable Length (m)     2.99       Zable Length (in.)     118.1       Winimum Bend Radius     20MM (Dynamic); 10MM (Static)       Shipping Dimensions (hwd / cm)     22.86 x 17.78 x 1.27       Shipping Dimensions (hwd / in.)     9.00 x 7.00 x 0.50       Shipping Weight (kg)     0.08       Shipping Weight (bs.)     0.17       ENVIRONMENTAL     0.17       ENVIRONMENTAL     2.99       Operating Temperature Range     -4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     -4 to 140 °F (-20 to 60 °C)       Storage Humidity Range     5% to 85% RH, Non-Condensing       Storage Humidity Range     35% to 65% RH, Non-Condensing       COMMUNICATIONS     0.36dB/Km       Network Compatibility     40 Gbps; 100 Gbps; 400 Gbps       Attenuation @ 1310NM     0.22dB/Km       nsertion Loss     MP00.70dB; LC0.30dB	Number of Fibers	8	
Cable Length (in.)     118.1       Winimum Bend Radius     20MM (Dynamic); 10MM (Static)       Shipping Dimensions (hwd / cm)     22.86 x 17.78 x 1.27       Shipping Dimensions (hwd / in.)     9.00 x 7.00 x 0.50       Shipping Weight (kg)     0.08       Shipping Weight (lbs.)     0.17       ENVIRONMENTAL     0.17       ENVIRONMENTAL     0.140 °F (-20 to 60 °C)       Storage Temperature Range     -4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     -4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     5% to 85% RH, Non-Condensing       Storage Temperature Range     5% to 65% RH, Non-Condensing       Storage Temperature Range     40 Gbps; 100 Gbps; 400 Gbps       COMMUNICATIONS     0.36dB/Km       Vetwork Compatibility     40 Gbps; 100 Gbps; 400 Gbps       Attenuation @ 1310NM     0.36dB/Km       nsertion Loss     MPO0.70dB; LC0.30dB	Cable Length (ft.)	9.8	
Minimum Bend Radius     20MM (Dynamic); 10MM (Static)       Shipping Dimensions (hwd / cm)     22.86 x 17.78 x 1.27       Shipping Dimensions (hwd / in.)     9.00 x 7.00 x 0.50       Shipping Weight (kg)     0.08       Shipping Weight (lbs.)     0.17       ENVIROMENTAL     0.17       Environmentation (Provide)     4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     -4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     -4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     5% to 85% RH, Non-Condensing       Storage Humidity Range     5% to 65% RH, Non-Condensing       Storage Temperature Range     40 Gbps; 100 Gbps; 400 Gbps       Vetwork Compatibility     0.36dB/Km       Attenuation (Pl 1310NM     0.36dB/Km       nsertion Loss     MPO0.70dB; LC0.30dB	Cable Length (m)	2.99	
Shipping Dimensions (hwd / cm)       22.86 x 17.78 x 1.27         Shipping Dimensions (hwd / in.)       9.00 x 7.00 x 0.50         Shipping Weight (kg)       0.08         Shipping Weight (lbs.)       0.17         ENVIRONMENTAL         Deperating Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -5% to 85% RH, Non-Condensing         Storage Humidity Range       35% to 65% RH, Non-Condensing         Storage Humidity Range       35% to 65% RH, Non-Condensing         COMMUNICATIONS       0.36dB/Km         Network Compatibility       40 Gbps; 100 Gbps; 400 Gbps         Attenuation @ 1310NM       0.36dB/Km         0.22dB/Km       0.22dB/Km         Insertion Loss       MPO0.70dB; LC0.30dB	Cable Length (in.)	118.1	
Shipping Dimensions (hwd / in.)     9.00 x 7.00 x 0.50       Shipping Weight (kg)     0.08       Shipping Weight (bb.)     0.17   ENVIRONMENTAL        Deprating Temperature Range     -4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     -4 to 140 °F (-20 to 60 °C)       Storage Temperature Range     -4 to 140 °F (-20 to 60 °C)    Deprating Humidity Range  S% to 85% RH, Non-Condensing  Storage Humidity Range  S% to 65% RH, Non-Condensing  COMMUNICATIONS  Network Compatibility 40 Gbps; 100 Gbps; 400 Gbps  Attenuation @ 1310NM 0.36dB/Km Non-Condensing  Network Compatibility 0.22dB/Km nsertion Loss MPO0.70dB; LC0.30dB  CONNECTIONS	Minimum Bend Radius	20MM (Dynamic); 10MM (Static)	
Shipping Weight (kg)       0.08         Shipping Weight (bs.)       0.17         ENVIRONMENTAL       .4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Operating Humidity Range       5% to 85% RH, Non-Condensing         Storage Humidity Range       35% to 65% RH, Non-Condensing         COMMUNICATIONS       40 Gbps; 100 Gbps; 400 Gbps         Network Compatibility       40 Gbps; 100 Gbps; 400 Gbps         Attenuation @ 1310NM       0.36dB/Km         Attenuation @ 1550NM       0.22dB/Km         Network       MPO0.70dB; LC0.30dB	Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27	
Shipping Weight (lbs.)       0.17         ENVIRONMENTAL         Operating Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Operating Humidity Range       5% to 85% RH, Non-Condensing         Storage Humidity Range       35% to 65% RH, Non-Condensing         Storage Humidity Range       35% to 65% RH, Non-Condensing         COMMUNICATIONS       40 Gbps; 100 Gbps; 400 Gbps         Attenuation @ 1310NM       0.36dB/Km         Attenuation @ 1550NM       0.22dB/Km         Attenuation @ 1550NM       0.22dB/Km	Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50	
ENVIRONMENTAL         Deperating Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Deperating Humidity Range       5% to 85% RH, Non-Condensing         Storage Humidity Range       35% to 65% RH, Non-Condensing         COMMUNICATIONS       35% to 65% RH, Non-Condensing         Vetwork Compatibility       40 Gbps; 100 Gbps; 400 Gbps         Attenuation @ 1310NM       0.36dB/Km         Attenuation @ 1550NM       0.22dB/Km         nsertion Loss       MPO0.70dB; LC0.30dB	Shipping Weight (kg)	0.08	
Operating Temperature Range       -4 to 140 °F (-20 to 60 °C)         Storage Temperature Range       -4 to 140 °F (-20 to 60 °C)         Operating Humidity Range       5% to 85% RH, Non-Condensing         Storage Humidity Range       35% to 65% RH, Non-Condensing         COMMUNICATIONS       35% to 65% RH, Non-Condensing         Vetwork Compatibility       40 Gbps; 100 Gbps; 400 Gbps         Attenuation @ 1310NM       0.36dB/Km         Attenuation @ 1550NM       0.22dB/Km         nsertion Loss       MPO0.70dB; LC0.30dB	Shipping Weight (lbs.)	0.17	
Storage Temperature Range     -4 to 140 °F (-20 to 60 °C)       Operating Humidity Range     5% to 85% RH, Non-Condensing       Storage Humidity Range     35% to 65% RH, Non-Condensing         COMMUNICATIONS         Network Compatibility     40 Gbps; 100 Gbps; 400 Gbps       Attenuation @ 1310NM     0.36dB/Km       Attenuation @ 1550NM     0.22dB/Km       nsertion Loss     MPO0.70dB; LC0.30dB	ENVIRONMENTAL		
Deperating Humidity Range       5% to 85% RH, Non-Condensing         Storage Humidity Range       35% to 65% RH, Non-Condensing         COMMUNICATIONS       40 Gbps; 100 Gbps; 400 Gbps         Network Compatibility       40 Gbps; 100 Gbps; 400 Gbps         Attenuation @ 1310NM       0.36dB/Km         Attenuation @ 1550NM       0.22dB/Km         nsertion Loss       MPO0.70dB; LC0.30dB	Operating Temperature Range	-4 to 140 °F (-20 to 60 °C)	
Storage Humidity Range     35% to 65% RH, Non-Condensing       COMMUNICATIONS       Network Compatibility     40 Gbps; 100 Gbps; 400 Gbps       Attenuation @ 1310NM     0.36dB/Km       Attenuation @ 1550NM     0.22dB/Km       nsertion Loss     MPO0.70dB; LC0.30dB	Storage Temperature Range	-4 to 140 °F (-20 to 60 °C)	
COMMUNICATIONS         Network Compatibility       40 Gbps; 100 Gbps; 400 Gbps         Attenuation @ 1310NM       0.36dB/Km         Attenuation @ 1550NM       0.22dB/Km         nsertion Loss       MPO0.70dB; LC0.30dB	Operating Humidity Range	5% to 85% RH, Non-Condensing	
Network Compatibility     40 Gbps; 100 Gbps; 400 Gbps       Attenuation @ 1310NM     0.36dB/Km       Attenuation @ 1550NM     0.22dB/Km       Insertion Loss     MPO0.70dB; LC0.30dB	Storage Humidity Range	35% to 65% RH, Non-Condensing	
Attenuation @ 1310NM     0.36dB/Km       Attenuation @ 1550NM     0.22dB/Km       Insertion Loss     MPO0.70dB; LC0.30dB	COMMUNICATIONS		
Attenuation @ 1550NM     0.22dB/Km       nsertion Loss     MPO0.70dB; LC0.30dB	Network Compatibility	40 Gbps; 100 Gbps; 400 Gbps	
nsertion Loss MPO0.70dB; LC0.30dB	Attenuation @ 1310NM	0.36dB/Km	
CONNECTIONS	Attenuation @ 1550NM	0.22dB/Km	
	Insertion Loss	MPO0.70dB; LC0.30dB	
	CONNECTIONS		
Side A - Connector 1   12-STRAND MTP/MPO (FEMALE)	Side A - Connector 1	12-STRAND MTP/MPO (FEMALE)	



Side B - Connector 1	(8) LC DUPLEX (MALE)	
Endface Polish	APC; UPC	
FEATURES & SPECIFICATIONS		
Push/Pull Tabs	Yes	
Breakout	Yes	
Trunk	No	
STANDARDS & COMPLIANCE		
Product Compliance	RoHS; REACH	
WARRANTY		
Product Warranty Period (Worldwide)	Lifetime limited warranty	

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