

QuickNet™ PanMPO/MPO Ribbon Pigtail Assemblies

technical information

PanMPO/MPO Ribbon Pigtail Assemblies shall be pre-terminated 12-fiber bare ribbon assemblies that are used to allow quick, dependable, and trouble free splicing on site. These Pigtails shall be used to ensure efficient use of space and rapid network deployment. Ribbonized Fiber is optimal for mass-fusion splicing and multi-fiber connectorization.



application

Allows system designers to tailor configuration and reach to application requirements; to minimize waste, optimize cable management, speed deployment, and improve flexibility and manageability for lower installation costs.

construction

Cable type:	Multi-Fiber Bare Ribbon	
Cable jacket ratings:	Not Applicable	
Fiber types:	Singlemode:	OS2 9/125µm
	Multimode:	OM4 50/125µm
Connector types; end 'A':	PanMPO™ Female PanMPO™ Male MPO Female MPO Male <small>Note: Singlemode MPO connectors are angled polish</small>	
Connector types; end 'B':	Not Applicable	
Fiber count:	12	

physical properties

Ribbon Width x Height:	250µm
Fiber planarity:	<= 50µm
Connector durability:	500 mating cycles
Fiber colors:	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua

optical properties

Maximum cable attenuation:	Multimode:	3.0dB/km at 850nm 1.0dB/km at 1300nm
	Singlemode:	1.0dB/km at 1310/1550nm
Maximum connector insertion loss:	Multimode:	0.35dB (Optimize IL)
	Singlemode:	0.75dB
Minimum connector return loss:	Multimode:	OM4: 26dB
	Singlemode:	OS2: 55dB

environmental properties

Storage and shipping temperature:	-40°C to 70°C -40°F to 158°F
Operating temperature:	-40°C to 70°C -40°F to 158°F

standards

Meets or exceeds:	Telcordia GR-20-CORE Issue 4, ITU-T G.657.A2, G.657.B2 & 652.D, RoHS Compliant
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Part Number

Example: FZTCN7NNNONM001 = OM4, 12 Fiber 250µm Bare Ribbon PanMPO Female to Pigtail, Standard Polarity, Optimized Insertion Loss - 1 Meter

Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Example	F	Z	T	C	N	7	N	N	N	O	N	M	0	0	5

1 – Fiber Product

F = Fiber

2 – Fiber Type

9 = OS2 9/125

Z = OM4 50/125

3 – Fiber Count

T = 12-fiber

4 – Cable Type

C = 250µm Bare Ribbon Fiber

5 – Jacket Type

N = No Jacket

6 – Connector Type End ‘A’

5 = MPO Female

6 = MPO Male

7 = PanMPO™ Female

8 = PanMPO™ Male

7 – Connector Variant

N = No Variant

8 – Connector Type End ‘B’

N = Pigtail

9 – Connector Variant

N = No Variant

10 – Construction/Performance

O = Standard Polarity -

Optimized IL (Multimode)

S = Standard Polarity -

Standard IL (Singlemode)

11 – Other

N = No Pulling Eye

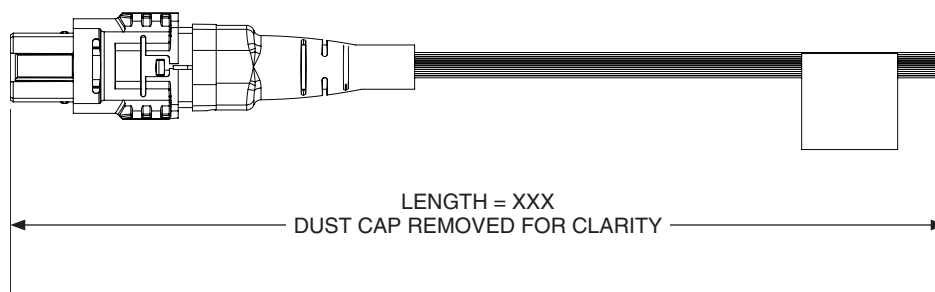
12 – Unit of Length

M = Meters

13, 14, 15 – Length

001 Meters

QuickNet™ MPO Ribbon Pigtail Assembly Detail



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