

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 |
|--------------------------|--|

QuickNet™ PanMPO/MPO Ribbon Pigtail Assemblies

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

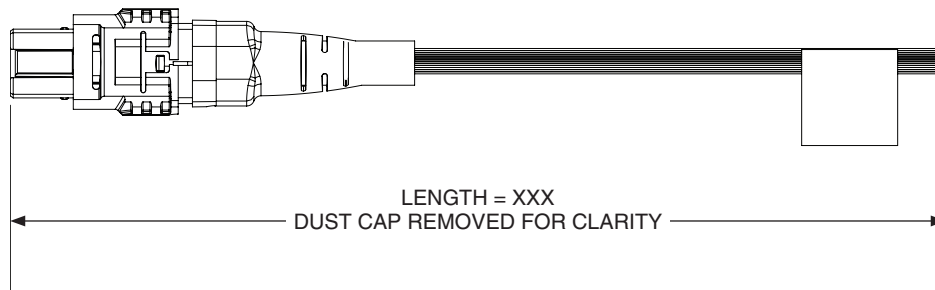
12 – Unit of Length

M = Meters

13, 14, 15 – Length

001 Meters

QuickNet™ MPO Ribbon Pigtail Assembly Detail



WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT US/CANADA
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

PANDUIT®

© 2019 Panduit Corp.
ALL RIGHTS RESERVED.
FBSP161--WW-ENG
10/2019