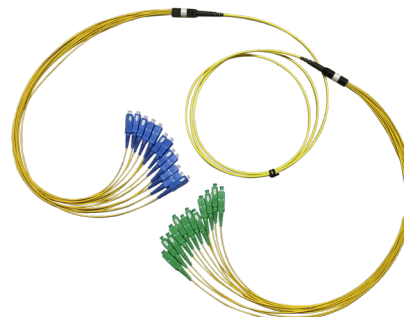


Fiber Optic Harness



Features & Benefits

- Compact 3mm round cable
- Bend-insensitive/bend optimized fibers
- Reduces cable clutter and containment overhead
- Available in SC to SC, LC to LC or SC to LC format
- Optional pulling tab for easy access to connectors in high-density environments
- Straight or staggered tails to meet the equipment requirement



Overview

The 4 or 8 fiber harness provides a fast and efficient connection from feeder fiber patch panels to splitter outputs, or from the optical line terminal (OLT) to the splitter inputs. The furcation housing is extremely compact, supporting 4 or 8 fibers with a cable diameter of only 3 mm. The single cord construction reduces cable consumption by as much as 50 percent compared to conventional individual patch cords. Harnesses can be supplied with straight tails or staggered tails to match the equipment and port numbering scheme on the equipment.

Applications

- Central Office, POP sites or MDU(s)

Standards

- ITU.T G.652D / G.657A/B
- IEC 60793 / IEC 60794
- IEC 60332-1-2, IEC 60754-1,2 & IEC 61034-2

Technical Data

Mechanical Data

Specification	Value
Dimensions	3.0mm Cable and 1.6/2.0mm on SC / LC tails
Durability	Min. 500 cycles

Optical Data

Specification	Value
Fiber category	9/125 bend insensitive (A.1 or A.2)
Test Wavelength (nm)	1310nm & 1550nm (Singlemode)
Insertion Loss	≤ 0.2 dB for APC; ≤ 0.2 dB for UPC (Premium) ≤ 0.3 dB for APC; ≤ 0.3 dB for UPC (Standard) ≤ 0.5 dB for APC; ≤ 0.5 dB for UPC (Lite)
Return Loss	≥ -60 dB for APC; ≥ -50 dB for UPC

Environmental Data

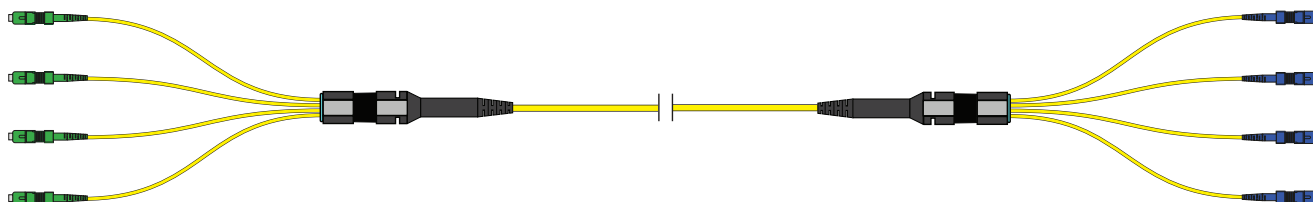
Specification	Value
Storage	-10 °C to 60 °C (14 °F to 140 °F)
Operation	-10 °C to 60 °C (14 °F to 185 °F)

These products may be protected by one or more patents • For further information, please visit: www.ppc-online.com/patents

Fiber Optic Harness



Technical Drawing



Ordering Information

H

2 3 4 5 6 7 8 9-12 13 14 15 16 17

- | | | |
|--|---|--|
| <p>2. Fiber Count
4 = 4 Fiber
8 = 8 Fiber</p> <p>3. Connector 1
1 = SC Connector
2 = LC Connector</p> <p>4. Polish Type
A = APC Finish
U = UPC Finish</p> <p>5. Connector 2
1 = SC Connector
2 = LC Connector</p> <p>6. Polish Type
A = APC Finish
U = UPC Finish</p> | <p>7. Fiber Type
S = G.652D
A = G.657A1
N = G.657A2</p> <p>8. Color
Y = Yellow
R = Red
B = Blue</p> <p>9-12. Length
0010 = 1MTR
0100 = 10MTR
0155 = 15.5MTR</p> <p>13. Material
L = LSZH
R = Riser
V = PVC
P = Plenum</p> | <p>14. Boot Option
1 = Standard Straight Boot
2 = Straight Short Boot
5 = With Pull Tab</p> <p>15. Category
P = Premium
S = Standard
L = Lite</p> <p>16. Tail Diameter
5 = 1.6mm
6 = 2.0mm</p> <p>17. Tail Configuration
S = Staggered Tail Length
U = Equal Tail Length</p> |
|--|---|--|