



## 2 Fibers Multi-Mode Breakout | 4.8 mm

### Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	2 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO <sub>2</sub> )
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 1000 matings

### Cable Specifications

- 2 cores distribution fiber optic cable
- Cable Diameter: 4.8 mm
- Sub-unit Diameter: 2.00 mm / 2.85 mm
- Length tolerance is ± 50 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black

### Optical Performance

Insertion Loss IEC 61300-3-4 Method B	Multi-Mode ≤ 0.30dB
Return Loss IEC61300-3-6 Method B	Multi-Mode ≥ 35dB

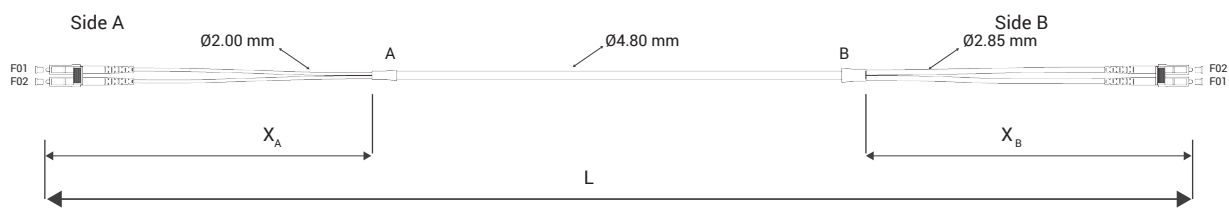


### End-face Control Parameters

Geometry Inspection	IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



Cable Diameter	4.8 mm
Tight Diameter	0.9 mm
Normal Tube Sub-unit Diameter (V0 Model)	2.00 mm
Metal Corrugated Sub-unit Diameter (V1 Model)	2.85 mm



\* X (Tube Length) is standard 500 mm. Please contact us for different tube length.

Sample Coding **U - PC - 02 - BO - 048 - M3 - LC/V0 - LC/V1 - 005M**

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	1. Connector	2. Connector	Length
Universal: U	Patch Cord: PC	2 Fibers: 02	Breakout: BO	4.8 mm: 048	MM G.651 OM2: M2 MM G.651 OM3: M3 MM G.651 OM4: M4	SC-UPC/V0: SC/V0 SC-UPC/V1: SC/V1 LC-UPC/V0: LC/V0 LC-UPC/V1: LC/V1	SC-UPC/V0: SC/V0 SC-UPC/V1: SC/V1 LC-UPC/V0: LC/V0 LC-UPC/V1: LC/V1	--- M