

MICRODUCT CONNECTORS

Product Technical sheet



ABOUT

Microfit is an innovative Push-Fit connection accessory used to connect communication cables to fiber optics. A variety of Microfit accessories were designed with full compliance to the requirements of cable manufacturers and installation contractors and especially for last mile infrastructure installations.

Available Configurations : Coupling, End-Stop, Reducer.

Available Sizes : 3mm to 22mm

Assembly Method : Pushfit

Applicable Piping : FTTH Microduct

Applicable Standard : BS EN 50411-2-8-2009

The following data is relevant for both Connectors and Reducer:

TECHNICAL SPECIFICATIONS

Performance :

1. Operating Temperatures : (-10)degC to (+60)degC
2. Blowing pressure : up to 16 Bar
3. Burst Pressure : >26 Bar
4. Gas Tightness :
 - Leakage at 16Bar : 1ml/min
 - Leakage at 0.7Bar : 0.1ml/min
5. Water Ingress : The connector will be sealed against a 6m head of water
6. Insertion Force : <50N (5kg) for all sizes
7. Resistance to pullout force :

Product Diameter	Minimum Pullout Force
5mm	145 N
6mm	295N
7mm	305N
8mm	380 N
10mm	140 N
12mm	480N
14mm	330 N
16mm	550 N

MATERIALS

#	Part	Raw Material
1	Body	High-Impact Polycarbonate
2	Collet	POM
3	Grip Ring	Stainless-Steel
4	Seal	Nitrile Rubber (NBR)

AVAILABLE PRODUCTS

Descriptor

Straight Connector 3 X 3/2.1mm
Straight Connector 4 X 4/2.6mm
Straight Connector 5 X 5/3.5mm
Straight Connector 6 X 6/3.5mm
Straight Connector 7 X 7/3.5mm
Straight Connector 7 X 7/5.5mm
Straight Connector 8 X 8/3.5mm
Straight Connector 8 X 8/6mm
Straight Connector 8.5 X 8.5/6mm
Straight Connector 10 X 10/8mm
Straight Connector 12 X 12/8mm
Straight Connector 12 X 12/10mm
Straight Connector 12.7 X 12.7/8mm
Straight Connector 14 X 14/10mm
Straight Connector 14 X 14/12mm
Straight Connector 16 X 16/12mm
Straight Connector 18 X 18/14mm
Straight Connector 20 X 16/12mm
Straight Connector 22 X 18/14mm

Descriptor

End Stop 5mm
End Stop 7mm
End Stop 8mm
End Stop 8.5mm
End Stop 10mm
End Stop 12mm
End Stop 12.7mm
End Stop 14mm
End Stop 16mm
End Stop 18mm
End Stop 20mm
End Stop 22mm