

FTTx Miniflex Drop Cable[®]



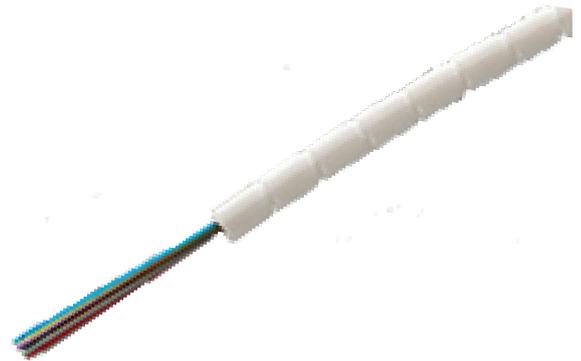
Rated Cca in accordance with EN 50575:2014+A1:2016, Miniflex fibre cable is considered a low fire hazard product. With low flame spread and zero droplets, it is the ideal cable solution in areas with high fire risks such as public and multi-dwelling buildings, escape routes and corridors.

By virtue of the Miniflex grooving technology, this ruggedised lightweight fibre cable is ultra flexible whilst resisting the urge to kink like regular fibre cable.

No specialist installation tools are required to push/pull Miniflex through FTTx microducts. When combined with our class-leading low-friction microducts, the cable can be pushed by hand in >100 metres with up to 8 x 90° bends in the route.

Features and Benefits

- FTTH/FTTX indoor and outdoor,
- MDU and rural broadband SDU
- Telecoms, Data Infrastructure and Transportation
- EN CPR (Construction Products Regulation) Cca rated
- UV Stable
- Terminated with Balistix SC and LC connectors, or industry standard connectors.
- Ultra-Flexible, small bend radius for compact slack fiber storage
- Push- / Pull- / Blow-able for routing into building ducts and conduits
- Small and unobtrusive enough for surface mount applications
- Tough enough for clipping, tacking and gluing

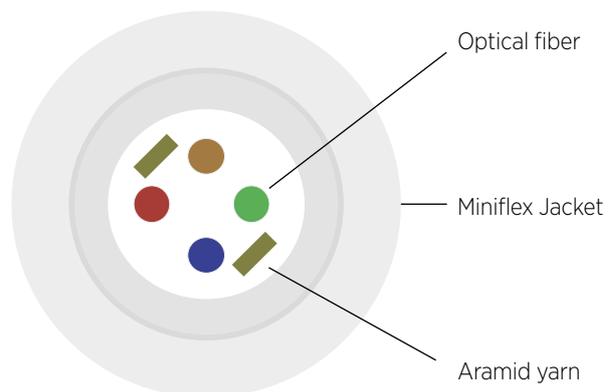


Mechanical Performance Specification

Cable Dimensions		Tensile Performance	Impact Resistance	Bend Performance		Crush Resistance			Temperature Performance
Cable Jacket O.D.	Wall Thickness	Max. Install Tension	<0.05dB change	Installation Min. Bend Radius	Operating Min. Bend Radius	Recoverable Jacket Damage	<0.05 dB Attenuation	Loss of Optical Signal	Operating Range
(mm)	(mm)	(N)	(N. m)	(mm)	(mm)	(N)	(N)	(N)	(°C)
3.0	0.8	100	2	30	15	1500	2900	>3400	-40 to +70

Transmission Performance Specification

Fibre Performance		
Type	Single-mode	
Specification	G657A1	G657A2
Max. Attenuation 1310 nm / 1550 nm	≤ 0.40 dB/km / 0.35 dB/km	
Min. Bend Radius	Attenuation dB at 1550 nm	
10 turns at 15mm	0.20	0.03
1 turn at 10mm	0.50	0.10
1 turn at 7.5mm	-	0.50



Ordering Information

Product Description	Part Number
1 Fibre Singlemode G.657.A1 Miniflex LSZH, EuroClass Cca, OD 2mm	002-900-801-01
2 Fibre Singlemode G.657.A1 Miniflex LSZH, EuroClass Cca, OD 2mm	002-900-801-02
4 Fibre Singlemode G.657.A1 Miniflex LSZH, EuroClass Cca, OD 2mm	002-900-801-04
6 Fibre Singlemode G.657.A1 Miniflex LSZH, EuroClass Cca, OD 3mm	002-900-801-06
8 Fibre Singlemode G.657.A1 Miniflex LSZH, EuroClass Cca, OD 3mm	002-900-801-08
12 Fibre Singlemode G.657.A1 Miniflex LSZH, EuroClass Cca, OD 3mm	002-900-801-12