

M00000067

Microduct cable, 96-way, SM, G.657A1, 200um, 6.0mm, orange (KPN)

Description

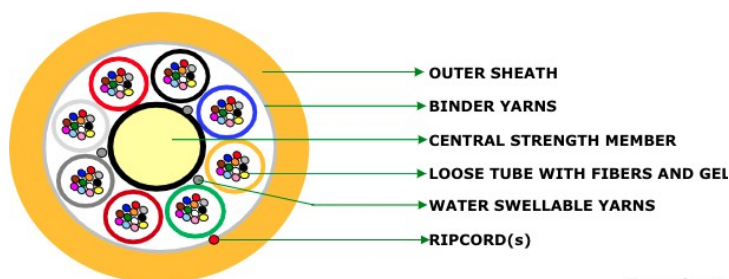
A microduct cable is commonly used to connect a distribution network, for example within an FTTH network. This cable is specifically manufactured to blow through a duct system. The jacket material and thin coating diameter ensure easy and fast throughput in ducts.

Brand

STL (Sterlite Technologies Limited)

Construction

This fibreglass is composed of several layers and materials. Outer sheath is sturdy and produced from UV-resistant polyamide (Nylon) material.



Optical specifications

Type of fibre optic	ITU.T G.657 A1
Outer diameter primary coating	200µm
Attenuation per km (1310nm)	0.34dB
Attenuation per km (1550nm)	0.23dB
Attenuation per km (1625nm)	0.22dB
Mode field diameter	8.8 ± 0.4 µm at 1310 nm 10 ± 0.5 µm at 1550 nm
Cladding diameter	125 ± 0.7 µm
Coating diameter	200 ± 10 µm
Bending sensitivity (1 turn, 10mm radius)	≤0.2dB (1550nm) ≤0.5dB (1625nm)
Bending sensitivity (10 turns, 15mm radius)	≤0.2dB (1550nm) ≤0.5dB (1625nm)

Mechanical specifications

Maximum Tensile force	700N
Maximum skull pressure	1000N/dm
Bending radius during installation	15D
Bending radius after installation	10D

Environmental specifications

CPR rating	N/A (Fca)
Transport and storage temperature	-20 to +50°C
Installation temperature	-10 to +60°C
Operating temperature	-20 to +70°C

Other specifications

Number of fibres (per loose tube)	12
Fibre colour	red, white, yellow, blue, green, violet, brown, black, orange, turquoise, pink, grey
Number of loose tubes	8
Colour loose tube	Red, white, yellow, blue, green, violet, brown, black
Outer sheath diameter	6.0mm ±0.3mm
Outer sheath colour	orange
Outer sheath print	Reggefiber FttH Tel. no. 088-0063700 96v GRP, ITU.T G.657A1 (200um), Sterlite Technologies Limited, 'Batch code no.' length code meter marking
Blow-in cable	>1200m (14/10 mm tube)