

MAUNT®

M00002374

Microduct cable, 96-way, SM, G.657A1, 200um, 6.0mm, black



Description

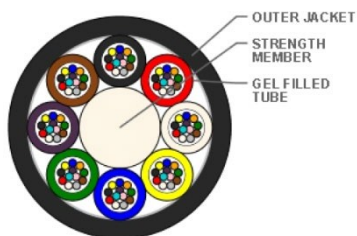
A microduct cable is commonly used to connect a distribution network, for example within an FTTH network. This cable is specifically manufactured to blow through a duct system. The jacket material and thin coating diameter ensure easy and fast throughput in ducts.

This glass fibre is composed of several layers and materials. The outer sheath is sturdy and produced from UV-resistant polyamide (Nylon) material.

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)	0.35nm
Attenuation per km (1550nm)	0.23nm
PMD LDV (ps/sqrt.km)	</=0.1

Mechanical specifications

Maximum Tensile force	700N
Maximum skull pressure	500N/dm
Bending radius during installation	20D
Bending radius after installation	15D

Environmental specifications

Impact strength	2 Nm
Torsion	± 180 °C
Water penetration test	1m waterhead, 3m samples, 24h
Drip test	30cm , 70°C, 24h
CPR rating	N/A (Fca)
Temperature performance	Max. change in Attenuation is </= 0.15dB/km
Transport and storage temperature	-40 °C to +70 °C
Installation temperature	-5°C to +50°C
Operating temperature	-30°C to +70°C

Other specifications

Number of fibres	96
Number of fibres (per loose tube)	12
Fibre colour	red, white, yellow, blue, green, violet, brown, black, orange, turquoise, pink, grey
Central strength member	FRP (Fibre Reinforced Plastic)
Number of loose tubes	8
Colour loose tube	Red, white, yellow, blue, green, violet, brown, black
Outer sheath diameter	6.0mm ± 0.3mm
Weight of cable (kg/km)	35kg ± 10%
Outer sheath colour	UV-resistant black PA
Outer sheath print	Maunt - 96v GRP, G.657A1 (200um) - Sterlite Technologies Limited - M00002374 - 'Batch code no.' - 'Production date' - length code metermarking

Note: All testing will be performed according to ICE standards. Change in Attenuation after and before testing should be </= 0.1 dB/km