

MAUNT®

M00000802

**Microduct cable, 96-way, SM, G.657A1, 200um, 6.0mm, green
(Delta Fiber NL)**



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

Brand

STL

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 ± 0.4µm at 1310nm 10 ± 0.5µm at 1550nm

Cladding diameter	125 ± 0.7µm
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 tubes	Red, white, yellow, blue, green, violet, brown, black
Outer sheath diameter	6.0 ±0.3mm
Outer sheath colour	Green (RAL6018)
Outer sheath print	96v GRP, ITU.T G.657A1 (200um) - M00000802 - {Batch Number} - {Production date} - {Length' m}