

MAUNT

M00000060

DAC cable, 2-fiber, SM, G.657A1, 250µm, 5.8mm, orange (KPN), STL



Description

A DAC cable is used to connect a home within an FTTH network and provides the connection between a DP (Distribution Point) in the street and the FTU (Fiber Termination Unit) in the home. This cable may be laid directly in the ground without additional protection.

Brand

STL (Sterlite Technologies Limited)

Optical specifications

Fiber type (SM/MM)	SM, ITU-T G.657A1
Primary coating outer diameter	250µm
Attenuation per km (1310nm)	0.33dB
Attenuation per km (1550nm)	0.20dB
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	242 ± 5µm
Number of fibers (per loose tube)	2

Physical specifications

Outer sheath material	UV-resistant polypropylene/polyethylene
Number of loose tubes	1
Loose tube colour	White
Loose tube filling	Gel
Fiber colours	Blue, green
Outer sheath diameter	5.8mm ± 0.3mm
Outer sheath colour	Orange
Outer sheath print	Reggefiber FttH Tel.nr. 088-0063700 2v DB GVK, ITU-T G.657A1 (250µm), Sterlite Technologies Limited, 'Batchcode no.', length code meter marking

Mechanical specifications

Maximum tensile force	500N
Maximum crush resistance	4000N/dm
Bending radius during installation	15D
Bending radius after installation	10D

Environmental specifications

Storage temperature	-20°C to +50°C
Installation temperature	-20°C to +50°C
Operating temperature	-30°C to +70°C

Classification codes and standards

Fire safety (CPR class)	Fca (n/a)
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