

M00001150

DAC cable, 2-way, SM, G.657A1, 250um, 5.8mm, turquoise (ODF)

Description

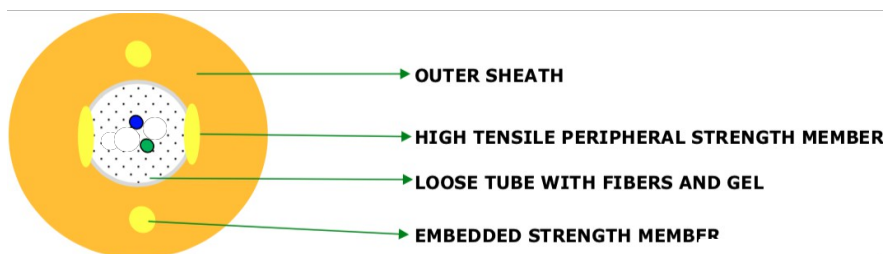
A DAC cable is commonly used to connect a home within an FTTH network. It then provides the connection between a DP (Distribution Point) in the street and the FTU (Fibre Termination Point) in the home. This cable may be laid directly into the ground, without additional protection.

Brand

STL (Sterlite Technologies Limited)

Construction

This fibreglass is composed of several layers and materials. Outer sheath is very sturdy and produced from UV-resistant polypropylene/polyethylene material.



Optical specifications

Type of fibre optic	ITU.T G.657 A1
Outer diameter primary coating	250µm
Attenuation per km (1310nm)	0.33dB
Attenuation per km (1550nm)	0.20dB
Attenuation per km (1625nm)	0.22dB
Mode field diameter	8.8 ± 0.4 µm at 1310 nm 10 ± 0.5 µm at 1550 nm
Cladding diameter	125 ± 0.7 µm
Coating diameter	242 ± 5 µm

**Mechanical specifications**

Maximum Tensile force	500N
Maximum skull pressure	4000N/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	-20 to +50°C
Operating temperature	-30 to +70°C

Other specifications

Number of fibres (per loose tube)	2
Fibre colour	blue, green
Number of loose tubes	1
Colour loose tube	White
Filling loose tube	Gel
Outer sheath diameter	5.8mm ±0.3mm
Outer sheath colour	Turquoise
Outer sheath print	Open Dutch Fiber - 0881633601 - 2v DAC, GRP, G.657A1 (250um) - Sterlite Technologies Limited - M00001150 -. 'Batch code no.' - 'Production date' - length code meter marking