

MAUNT

M00000798

DAC cable, 2-fiber, SM, G.657A1, 250um, 5.8mm, green (Delta Fiber NL)



Description

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

Optical specifications

Fiber type	ITU-T G.657A1
Number of fibers (per loose tube)	2
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

Physical specifications

Outer sheath material	UV-resistant polypropylene/polyethylene
Fiber colors	blue, green
Number of loose tubes	1
Loose tube color	white
Loose tube filling	gel
Outer sheath diameter	5.8mm ±0.3mm
Outer sheath color	green
Outer sheath marking	2v DAC, GVK, G.657A1 (250um) - Sterlite Technologies Limited - M00000798 - {Batch Number} - {Production date} - {Length} m

Mechanical specifications

Maximum tensile force	500N
Maximum crush resistance	4,000N/dm
Bend radius during installation	15D
Bend radius after installation	10D

Environmental specifications

Transport/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)	n/a (Fca)
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