

MAUNT

M00000258

**DAC cable indoor/outdoor, D-DAC, LSZH, CPR Dca, 2-fiber, SM,
G.657A1, 250um, 6.1mm, orange (KPN)**



Description

Metal-free unitube fiber optic cable: the fibers are housed in a single central loose tube, with strain relief around the tube and strength members embedded in the outer sheath, suitable for indoor and outdoor installation.

Physical specifications

Number of tubes	1
Fibers per tube	2
Tube material	Thermoplastic
Tube color	White
Tube filling	Water-swellable material
Strain relief	Aramid yarn
Strength member	FRP (fiber-reinforced plastic), embedded in the sheath
Outer sheath material	LSZH
Color	Orange
Outer sheath marking	Reggefiber FttH Tel.nr. 088-0063700 2v DB GVK ITU.T G.657A1 (250um) Sterlite Technologies Limited, batch code, length code meter marking
Diameter	6.1 ± 0.3 mm
Weight	39 kg/km (nominal)

Mechanical specifications

Tensile force	Max. 500 N
Crush resistance	1200 N/10 cm
Impact resistance	2.5 Nm, 1 impact
Torsion	± 180°
Bending radius (static)	15 x D
Bending radius (dynamic)	10 x D

Optical specifications

Fiber type	SM, G.657.A1
Coating diameter	250 µm
Number of fibers	2
Attenuation (max.)	1310 nm: 0.36 dB/km; 1550 nm: 0.25 dB/km
PMD (LDV)	≤ 0.2 ps/√km
Fiber color code	Blue, green

Environmental specifications

Installation temperature	-10 °C to +50 °C
Operating temperature	-30 °C to +70 °C
Storage temperature	-30 °C to +70 °C
Water penetration	1 m water column, 3 m sample, 24 hours (over tube)

Classification codes and standards

Standards	ITU-T G.657.A1
Fire safety	LSZH; CPR class Dca