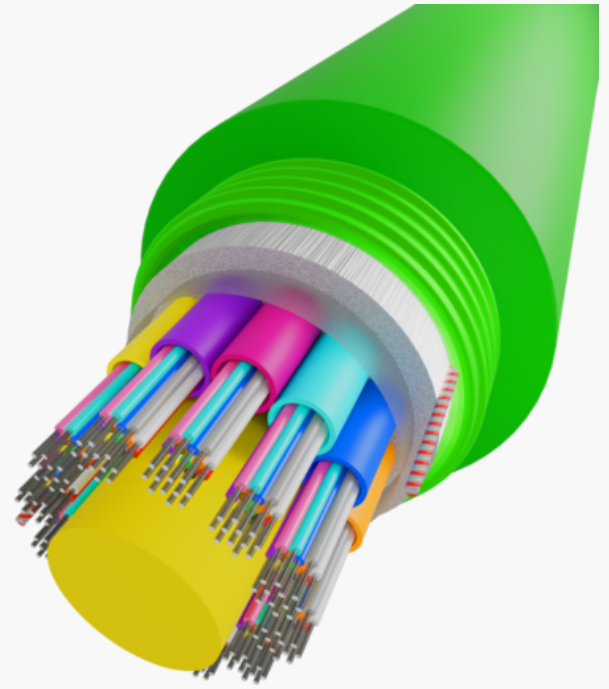


Product name	144F G657A1 MLT cable FSC90 Green LSZH Dca OD 15.1mm EIA/TIA T2000m
Product code	1082910
Product type	Z300
GTIN	7070701388311
ETIM-Class	EC000034



PRODUCT SPECIFICATIONS

Fiber optic circuit integrity (fireproof) cables designed to function for at least 90 minutes in fires up to 750°C. Suitable for installation indoors and/or outdoors in ducts. Halogen-free, CPR and fire rated to meet the requirements for indoor installations. The construction with corrugated steel reinforcement makes the cable 100% rodent-proof.

Measurements

Length	1 000 mm
Height	15,1 mm
Width	15,1 mm
Weight	284 g

Physical Characteristics

Fibre Count	144
Cable Construction	Multi Loose Tube (MLT)
Fibre Type	ITU-T G.657 A1
Fibres per Tube	12
Fibre Colour Sequence	EIA/TIA-598A
Tube Size	1,7 mm
Central Strength Member	FRP
No of Tubes	12
Tube Colour Sequence	EIA/TIA-598A

Outer Sheath Material	LSZH (Low Smoke Zero Halogen)
Colour of Cable Sheath	Green
No of Ripcords Below Outer Sheath	2
Cable Diameter	15,1 mm
Cable Diameter Tolerance	+/- 0.4 mm
Nominal Cable Weight	284 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	No
Rodent Protection	Yes
CPR	Yes
CPR Classification	Dca-s2, d1, a1
Circuit integrity (IEC 60331-25-1)	90 minutes
Tensile Strength (N) IEC-60794-1-21-E1	10 000 N
Crush Resistance - IEC- 60794-1-21-E3	2 500 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	30 Nm
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	310
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	233
Temperature Performance Installation IEC-60794-1-22-F1	-15°C to +50°C (Max. change in attenuation shall be ≤ 0.15 dB/km)
Temperature Performance Operation IEC-60794-1-22-F1	-40°C to +70°C (Max. change in attenuation shall be ≤ 0.15 dB/km)
Temperature Performance Storage IEC-60794-1-22-F1	-40°C to +70°C (Max. change in attenuation shall be ≤ 0.15 dB/km)