

Product name	12F G657A1 CLT cable FSC90 Green LSZH Dca OD 8.9mm EIA/TIA T2000m
Product code	4704692
GTIN	
ETIM-Class	EC000034

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## 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.

## Measurements

Length	1,000 mm
Height	8.9 mm
Width	8.9 mm
Weight	112 g

## Physical Characteristics

Fibre Count	12
Cable Construction	Central Loose Tube (CLT)
Fibre Type	ITU-T G.657 A1
Fibres per Tube	12
Fibre Colour Sequence	S12 & EIA/TIA-598A
Tube Size	3 mm
No of Tubes	1
Outer Sheath Material	LSZH (Low Smoke Zero Halogen)
Colour of Cable Sheath	Green
No of Ripcords Below Outer Sheath	2

Cable Diameter	8.9 mm
Cable Diameter Tolerance	+/- 0.4 mm
Nominal Cable Weight	112 kg/km

## Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	No
Rodent Protection	Yes
CPR	Yes
Tensile Strength (N) IEC-60794-1-21-E1	1,500 N
Crush Resistance - IEC- 60794-1-21-E3	3,000 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	30 Nm
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	190 mm
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	140 mm
Water Penetration Test IEC-60794-1-22-F5	1m head, 3m samples, 24 hrs.
Temperature Performance Installation IEC-60794-1-22-F1	-15°C to +50°C (Max. change in attenuation shall be $\leq$ 0.15 dB/km)
Temperature Performance Operation IEC-60794-1-22-F1	-30°C to +70°C (Max. change in attenuation shall be $\leq$ 0.15 dB/km)
Temperature Performance Storage IEC-60794-1-22-F1	-30°C to +70°C (Max. change in attenuation shall be $\leq$ 0.15 dB/km)