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Product name	48F G657A1 MLT cable FSC90 Green LSZH Dca OD 15.1mm EIA/TIA T2000m
Product code	4704712
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	15.1 mm
Width	15.1 mm
Weight	284 g

Physical Characteristics

Fibre Count	48
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	4 + 8 fillers
Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	LSZH (Low Smoke Zero Halogen)

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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
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
Water Penetration TestIEC-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 ≤ 0.15 dB/km)

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