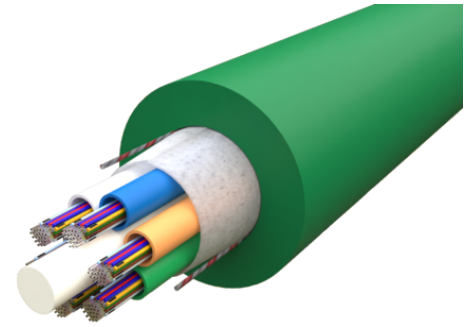


<b>Product name</b>	144F G657A1-200 MLT cable Green LSZH Cca OD 7.8mm EIA/TIA 4km/d
<b>Product code</b>	1083016
<b>Product type</b>	QXAI
<b>GTIN</b>	7070701349336
<b>ETIM-Class</b>	EC000034



## PRODUCT SPECIFICATIONS

144F SM G657A1 200µm multi purpose cable used for both indoor installation and outdoor installation in ducts applications by pulling. Cable parameters such as cable flexibility, diameter and higher safety levels for fire and dangerous substances makes it optimized for safe and effective indoor installation as well as for outdoor installation in ducts. The cable is based on a multi loose tube construction with SZ design around a central strength member of fiberglass-reinforced plastic (FRP) which facilitates mid-span access.

The expected service life in normal use exceeds 30 years.

## Measurements

<b>Length</b>	1 000 mm
<b>Height</b>	7,8 mm
<b>Width</b>	7,8 mm
<b>Weight</b>	80 g

## Physical Characteristics

<b>Fibre Count</b>	144
<b>Cable Construction</b>	Multi Loose Tube (MLT)
<b>Fibre Type</b>	ITU-T G.657 A1 200um
<b>Fibres per Tube</b>	24
<b>Fibre Colour Sequence</b>	EIA/TIA-598A

Tube Size	1,5 mm
Central Strength Member	FRP
No of Tubes	6
Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	LSZH (Low Smoke Zero Halogen)
Colour of Cable Sheath	Green
Nominal Sheath Thickness	1,3 mm
No of Ripcords Below Outer Sheath	1
Cable Diameter	7,8 mm
Cable Diameter Tolerance	+/- 0.4 mm
Nominal Cable Weight	80 kg/km

## Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	Yes
CPR	Yes
CPR Classification	Cca-slb, d1, a1
Tensile Strength (N) IEC-60794-1-21-E1	1 000 N
Crush Resistance - IEC- 60794-1-21-E3	1 000 N/10cm
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	330 mm
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	165 mm
Water Penetration Test IEC-60794-1-22-F5	1m head, 3m samples, 24 hrs.
Drip Test IEC-60794-1-21-E14	30 cm, 70°C, 24 hr
Temperature Performance Installation IEC-60794-1-22-F1	-5°C till +50°C
Temperature Performance Operation IEC-60794-1-22-F1	-30°C till +60°C
Temperature Performance Storage IEC-60794-1-22-F1	-40°C till +70°C