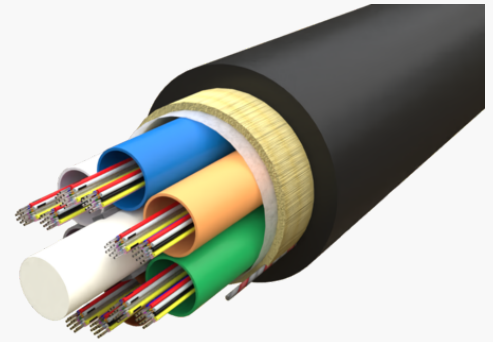


Product name	144F G657A1 Micro Cable MLT Black HDPE OD 6.4mm 4km/dr
Product code	87702144
GTIN	7332811369940
ETIM-Class	EC000034



PRODUCT SPECIFICATIONS

Micro cables typically used in outdoor microduct installation applications. The cables are suitable for air-blown installation. Cable parameters such as cable diameter, stiffness and sheath friction are optimized for best installation performance. 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.

Measurements

Length	1,000 mm
Height	6.4 mm
Width	6.4 mm
Weight	40 g

Physical Characteristics

Fibre Count	144
Cable Construction	Multi Loose Tube (MLT)
Fibre Type	ITU-T G.657 A1
Fibres per Tube	24
Fibre Colour Sequence	EIA/TIA-598A
Central Strength Member	FRP
No of Tubes	6
Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	HDPE (High Density Polyethylene)

Colour of Cable Sheath	Black
No of Ripcords Below Outer Sheath	1
Cable Diameter	6.4 mm
Cable Diameter Tolerance	± 0.3 mm
Nominal Cable Weight	40 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	Yes
Tensile Strength (N) IEC-60794-1-21-E1	800 N
Crush Resistance - IEC- 60794-1-21-E3	1,000 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	1
Torsion IEC-60794-1-21-E7	± 360 °
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	20 x d
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	20 x d
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	- 15 °C to + 50 °C
Temperature Performance Operation IEC-60794-1-22-F1	- 40 °C to + 70 °C
Temperature Performance Storage IEC-60794-1-22-F1	- 40 °C to + 70 °C

Sustainability

product.sustainability-label.epd	Yes
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