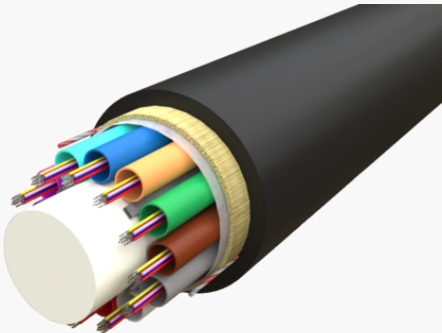


Product name	144F G652D Duct lite cable MLT Black HDPE OD 12.7mm 4km/d
Product code	4967087
Product type	GRHLDV 144XG652D
GTIN	7332811190292
ETIM-Class	EC000034



PRODUCT SPECIFICATIONS

144F G652D Slim loose tube fibre optical cable typically used outdoor in duct installation applications. The cable is suitable for air-blown installation as well as for pulling.

The expected service life in normal use exceeds 30 years.

Measurements

Length	1 000 mm
Height	12,7 mm
Width	12,7 mm
Weight	125 g

Physical Characteristics

Fibre Count	144
Cable Construction	Multi Loose Tube (MLT)
Fibre Type	ITU-T G.652 D
Fibres per Tube	12
Fibre Colour Sequence	EIA/TIA-598A
Tube Size	1,8 mm
Central Strength Member	FRP
No of Tubes	12

Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	HDPE (High Density Polyethylene)
Colour of Cable Sheath	Black
No of Ripcords Below Outer Sheath	2
Cable Diameter	12,7 mm
Cable Diameter Tolerance	+/- 0.5 mm
Nominal Cable Weight	125 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	Yes
Tensile Strength (N) IEC-60794-1-21-E1	2 500 N
Crush Resistance - IEC- 60794-1-21-E3	2 000 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	5
Torsion IEC-60794-1-21-E7	±180°
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	20 x d
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	15 x d
Water Penetration TestIEC-60794-1-22-F5	1m waterhead, 3m samples, 24 h
Drip Test IEC-60794-1-21-E14	30 cm, 70°C, 24 h
Temperature Performance Installation IEC-60794-1-22-F1	-15°C till +50°C
Temperature Performance Operation IEC-60794-1-22-F1	-40°C till +70°C
Temperature Performance Storage IEC-60794-1-22-F1	-40°C till +70°C