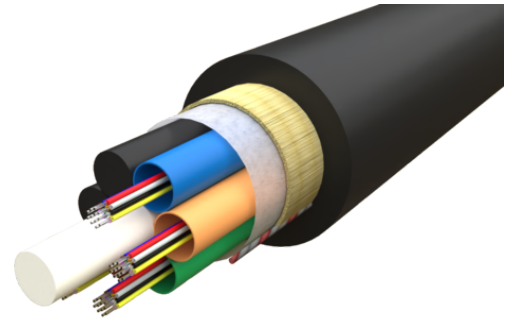


Product name	48F G652D Duct cable MLT Black HDPE OD 8.5mm 4km/dr
Product code	87701048
GTIN	7332811369865
ETIM-Class	EC000034



PRODUCT SPECIFICATIONS

Slim loose tube fibre optical cables 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	8.5 mm
Width	8.5 mm
Weight	55 g

Physical Characteristics

Fibre Count	48
Cable Construction	Multi Loose Tube (MLT)
Fibre Type	ITU-T G.652 D
Fibres per Tube	12
Fibre Colour Sequence	EIA/TIA-598A
Central Strength Member	FRP
No of Tubes	4 + 2 fillers
Tube Colour Sequence	EIA/TIA-598A

Outer Sheath Material	HDPE (High Density Polyethene)
Colour of Cable Sheath	Black
Nominal Sheath Thickness	1.1 mm
No of Ripcords Below Outer Sheath	2
Cable Diameter	8.5 mm
Cable Diameter Tolerance	+/- 0.5 mm
Nominal Cable Weight	55 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	Yes
Tensile Strength (N) IEC-60794-1-21-E1	2,000 N
Crush Resistance - IEC- 60794-1-21-E3	2,000 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	10
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	15 x d
Water Penetration Test IEC-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 to + 85 °C
Temperature Performance Operation IEC-60794-1-22-F1	- 40 °C to + 85 °C
Temperature Performance Storage IEC-60794-1-22-F1	- 40 °C to + 85 °C