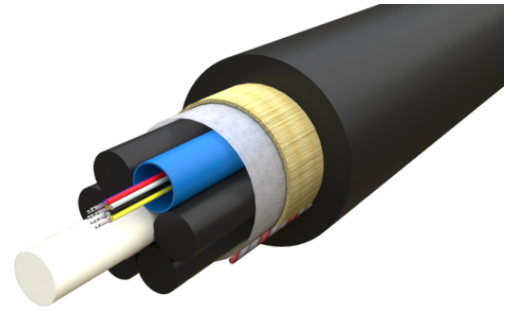


<b>Product name</b>	12F G657A1 Microduct cable MLT Black HDPE OD 5.7mm 4km/dr
<b>Product code</b>	4966677
<b>GTIN</b>	7332811190162
<b>ETIM-Class</b>	EC000034



## PRODUCT SPECIFICATIONS

12F G657A1 Micro cable 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

<b>Length</b>	1,000 mm
<b>Height</b>	5.7 mm
<b>Width</b>	5.7 mm
<b>Weight</b>	30 g

## Physical Characteristics

<b>Fibre Count</b>	12
<b>Cable Construction</b>	Multi Loose Tube (MLT)
<b>Fibre Type</b>	ITU-T G.657 A1
<b>Fibres per Tube</b>	12
<b>Fibre Colour Sequence</b>	S12 & EIA/TIA-598A
<b>Tube Size</b>	1.55 mm
<b>Central Strength Member</b>	FRP
<b>No of Tubes</b>	1 + 5 fillers

Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	HDPE (High Density Polyethylene)
Colour of Cable Sheath	Black
Nominal Sheath Thickness	0.5 mm
No of Ripcords Below Outer Sheath	1
Cable Diameter	5.7 mm
Cable Diameter Tolerance	+/- 0.4 mm
Nominal Cable Weight	30 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	500 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	50
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	10 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 till +50°C
Temperature Performance Operation IEC-60794-1-22-F1	-40°C til +70°C
Temperature Performance Storage IEC-60794-1-22-F1	-40°C til +70°C