

Aerial Metallic Self Supported ULW (12 - 48fibres)

This cable is used for Access, Distribution, City Network and FTTx applications. It is designed for installation in the BT Fibre Network in Overhead and Underground environments.

The cable is design to respond to the British Telecommunications Specifications CW1842 and related specifications CW1500 part 2, 7 and 11.

Maximum spans 68m.

Characteristics & Applications

- Metallic strength members
- Microbundles inside - easy to open without special tools
- Waterproof dry core structure
- Small size design to minimize the effect of ice and wind
- Fully compatible with the reference BT toolings for cable opening

Fibre Type

Compliant with BT CW1505 Cat2 and ITU-T G657A1

Construction

- Jelly filled microbundles containing coloured fibres
- Swellable yarns
- HDPE outer sheath with embedded metallic brass coated steel wires
- Colour : Black outer sheath with 2 yellow stripes at 180°



STANDARDS

13782-99HH
EN 187000
IEC 60794

Aerial Metallic Self Supported ULW (12 - 48fibres)

EIGENSCHAFTEN

Konstruktionsmerkmale

| | |
|-----------------------|-------------|
| Fasertyp | SM |
| Außenmantel | PE HD |
| Zugentlastungselement | Steel rods |
| Leitungsaufbau | Multibundle |

Abmessungsmerkmale

| | |
|-----------------------------|----------|
| Anzahl der Bündel | 3 |
| Nettogewicht ca. | 34 kg/km |
| Anzahl der optischen Fasern | 36 |
| Außendurchmesser, nom. | 7.0 mm |

Mechanische Eigenschaften

| | |
|------------------------------------|----------|
| Zulässige Zugbelastbarkeit | 65 daN |
| Schlagfestigkeit (EN 187 000) | 10 J |
| Querdruckwiderstand (IEC 794-1-E3) | 200 N/cm |










Anwendungsmerkmale



| | |
|--|--------------------------|
| Nagetierschutz | nein |
| Betriebstemperatur | -20...70 °C |
| Lagertemperatur, Bereich | -40...70 °C |
| Art der Installation | Aerial - self-supporting |
| Umgebungstemperatur bei Verlegung, Bereich | 0...40 °C |
| Biegefaktor bei Verlegung | 20 (xD) |

Verkauf & Lieferung Informationen

LASER <714> FB WWYY COF215 ULTRA LIGHT WEIGHT OH FIBRE CABLE XXF/21 PROPERTY OF BT - LASER- <714> N°OF - T hor - CCCCCM

Product list

| Aginode ref. | Country ref. | Name | Fasertyp | Anzahl der optischen Fasern | Anzahl der Bündel | Zulässige Zugbelastbarkeit |
|--|--------------|---------------------------|-----------------|-----------------------------|-------------------|----------------------------|
|  | - | ULW 3x12 SP1922 (PIA) | SM | 36 | 3 | 65 (daN) |
|  | - | ULW 2x12 SP1922 (PIA) | SM | 24 | 2 | 65 (daN) |
|  | - | ULW 1x12 SP1922 (PIA) | SM | 12 | 1 | 65 (daN) |
|  | - | ULW 4x12 SP1922 (PIA) | SM | 48 | 4 | 65 (daN) |
|  | - | ULW 96F 8x12 SP2037 (PIA) | G657A1 - 200 µm | 96 | 8 | 65 (daN) |
|  | - | ULW 1x12 SP1922 RR (PIA) | SM | 12 | 1 | 65 (daN) |
|  | - | ULW 3x12 SP1922 RR (PIA) | SM | 36 | 3 | 65 (daN) |
|  | - | ULW 2x12 SP1922 RR (PIA) | SM | 24 | 2 | 65 (daN) |
|  | - | ULW 4x12 SP1922 RR (PIA) | SM | 48 | 4 | 65 (daN) |

 = Make to order,  = In Stock

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