

AMSS ULW (12 - 48fibres)

ULW 3x12 SP1922 COMTEC 830696

Contact

Telecom & Fibre
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DESCRIPTION

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.

Characteristics & Applications

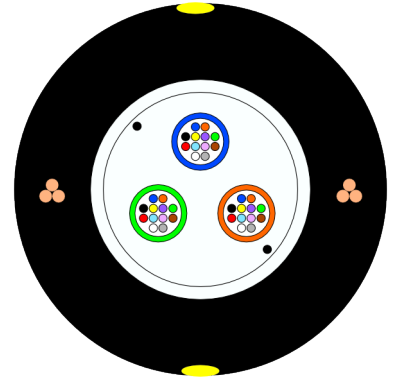
- PIA Approved - Breaking force < 2000N
- Metallic brass coated rods armouring
- Microbundles inside - easy to open without special tools
- Waterproof dry core structure
- Small size design to minimize the effect of ice and wind

Fibre Type

Compliant with BT CW1505 Cat2 and ITU-T G657A1

Construction

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



STANDARDS

International
IEC 60793; IEC 60794

National Customer specification



Admissible traction load max. (Tm)
110 daN



Ambient installation T°C range
0 .. 40 °C



Operating temp.
-20 .. 70 °C



Storage temperature, range
-40 .. 70 °C



Bending factor when laying
20 (xD)

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics

| | |
|-------------------|-------------|
| Fiber optic type | SM |
| Outer sheath | HDPE |
| Construction type | Multibundle |
| Strength member | Steel wires |
| Metal free | No |

Dimensional characteristics

| | |
|--------------------------|----------|
| Number of optical fibres | 36 |
| Number of tubes | 3 |
| Nominal outer diameter | 7.0 mm |
| Approximate weight | 34 kg/km |

Mechanical characteristics

| | |
|---------------------------------------|----------|
| Maximum admissible traction load (Tm) | 110 daN |
| Crush resistance (IEC 60794-1-E3) | 200 N/cm |
| Impact resistance (EN 187 000) | 10 J |

Usage characteristics

| | |
|---|--------------------------|
| Installation type | Aerial - self-supporting |
| Ambient installation temperature, range | 0 .. 40 °C |
| Operating temperature, range | -20 .. 70 °C |
| Storage temperature, range | -40 .. 70 °C |
| Bending factor when laying | 20 (xD) |

SELLING INFORMATION

MARKING : ETC GROUP 830696/C ULW OH/UG CABLE 36FO G657A1 YYYY WW N°OF CCCCCM