

AMSS ULW (12 - 48fibres)

ULW 4x12 SP1922 COMTEC 830697

Contact

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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

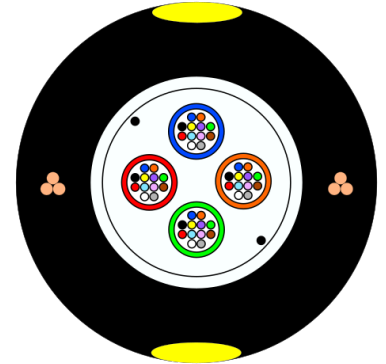
- PIA Approved - Breaking force < 2000N
- Metallic brass coated rods armouring
- Microbundles inside - easy to open without special tools
- Waterproof dry core structure
- Small size design to minimize the effect of ice and wind

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	48
Number of tubes	4
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 830697/C ULW OH/UG CABLE 48FO G657A1 YYYY WW N°OF CCCCCM