

Aerial Metallic Self Supported ULW

ULW 1X12 SP1922 (PIA)

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
- Breaking load < 2000N

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

Customer specification
IEC 60793
IEC 60794

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Characteristics

Construction characteristics

Fiber optic type	SM
Outer sheath	HDPE
Metal free	No
Strength member	Steel rods
Construction type	Multibundle

Dimensional characteristics

Number of tubes	1
Approximate weight	34 kg/km
Number of optical fibres	12
Nominal outer diameter (mm)	7.0 mm

Mechanical characteristics

Maximum admissible traction load (Tm)	65 daN
Impact resistance (EN 187 000)	10 J
Crush resistance (IEC 60794-1-E3)	200 N/cm

Usage characteristics

Rodent protection	No
Operating temperature, range	-20...70 °C
Storage temperature, range	-40...70 °C
Installation type	Aerial - self-supporting
Ambient installation temperature, range	0...40 °C
Bending factor when laying	20 (xD)

ドキュメンテーション

Tableau de charge aérien ULW_3.xlsx xlsx — 12.17 KB [ダウンロード ↓](#)

販売および配送情報

MARKING in accordance with BT specification CW1402 : (LASER+PHONE) FB WWYY COF215 ULTRA LIGHT WEIGHT OH FIBRE CABLE 12F/21 PROPERTY OF BT (LASER+PHONE) N°OF CCCCCM

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