

LadonX™ Outdoor Non-Armoured Cable

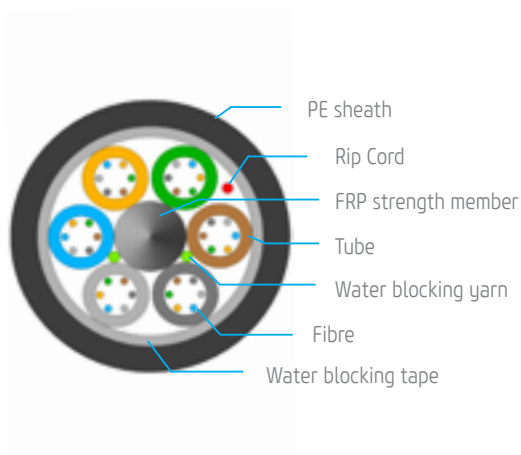
12-96 Cores Non-Metallic Rodent Resistant PE Jacket Cable



Hermesys LadonX™ outdoor non-metallic cable is designed to withstand the harsh environment for outside installations and operations.

Semi-dry structure allows fuss-free quicker site preparation and easier termination in the field. Water penetration protection is not compromised.

The glass yarns increase tensile strength significantly and acts as an effective rodent protection to the fibre cable.



Cross section of part number:
< Not to scale >

Features and Benefits

Non metallic FRP central strength member is lighter and more flexible. Rust-free.

The water blocking yarns and water blocking tape to ensure water blocking performance.

The glass yarns act as an optional reinforcement member, improved resistance to rodent attack and increase the tensile strength of the cable.

Black PE outer jacket is suitable for outdoor usage with UV resistance performance.

Standards

Reference

IEC 60794-1-1
IEC 60794-1-2
IEC 60794-3
IEC 60794-3-10
IEC 60794-3-1

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Specifications

GENERAL SPECIFICATIONS

| | |
|----------------|---|
| Environment | Outdoor |
| Application | Building Interconnections, Long Hual Networking |
| Cable Type | Multi loose tube |
| Product Type | Telecom outside plant |
| Flame Rating | N/A |
| Fibre Category | Full range of fibre |
| Drum Length | 4000m |

TEMPERATURE RANGE

| | |
|--------------|---------------|
| Storage | -40°C to 70°C |
| Operation | -30°C to 70°C |
| Installation | -10°C to 60°C |

CABLE DESIGN

| | |
|---------------------------|---|
| Fibre Count | 12/24/36/48/96 |
| Fibre Color | EIA/TIA 598 standard |
| Tensile Strength Elements | FRP non metallic strength member |
| Anti Rodent Element | Glass yarn |
| Armouring | N/A |
| Water Blocking | Water blocking tape + water blocking yarn |
| Number of Loose Tube | 12 Max. (max. 12 fibres per tube) |
| Jacket Material & Color | PE Black |

MECHANICAL CHARACTERISTICS CABLE

| | |
|-----------------------------------|--|
| Max. Tensile Strength. Short-Term | 1500N (12f, 24f) 3000N (36f, 48f, 96f) |
| Crush Resistance, Short-Term | 1000N |
| Water Penetration | sample=3m, water=1m (24hrs no leakage) |
| Nominal Outer Diameter (mm) | 13.1 (24f), 13.3 (48f) |
| Nominal Weight (kg/km) | 130 (24f), 133 (48f) |
| Min. Bend Radius Installation | 20 * diameter |
| Min. Bend Radius Operation | 10 * diameter |

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CHEMICAL CHARACTERISTICS

ROHS

Free of hazardous substances according to RoHS
2002/95/EG

Fibre Specifications

Refer the Hermesys fibre specification as per order

Ordering information

Part Number

210YYY02114

Sheath Marking

Hermesys LadonX Outdoor Non-Armoured Cable
210YYY02114 <Fibre Type> <XXXcore> WWYYYY XXXXM

Notes:

1)YYY = Number of Core (4H/48cores, 7B/72 cores, 9F/96 cores, 1DD/144 cores)

Shipping information

Packaging Method

Wooden drums with protection

Delivery Lengths

Standard delivery length is 4km with a tolerance of $\pm 5\%$