

LadonX™ Outdoor Non-Armoured Cable

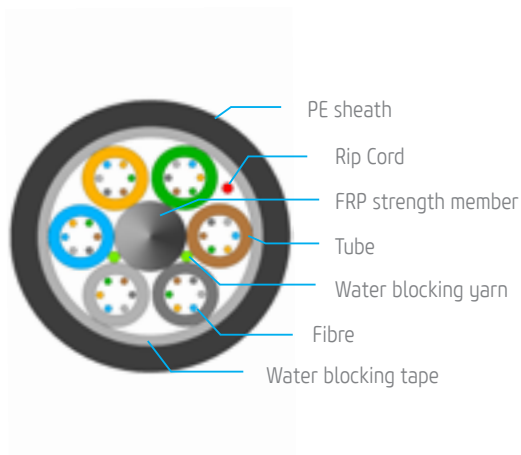
12-96 Cores Non-Metallic Rodent Resistant PE Jacket Cable



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 Haul 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

20XYYY02114

Sheath Marking

Hermesys LadonX Outdoor Non-Armoured Cable
20XYYY02114 <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 $\pm 5\%$