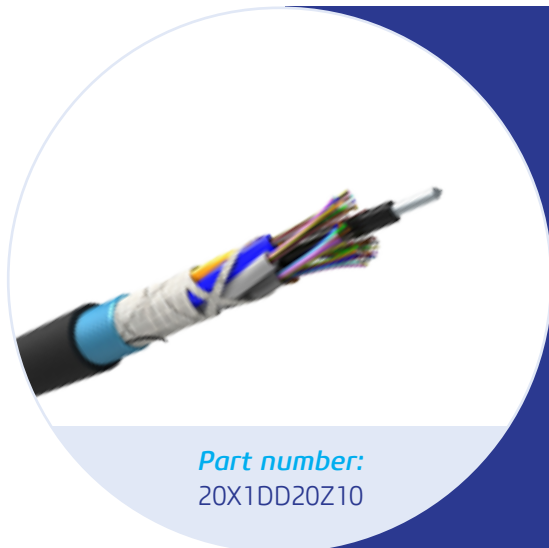


LadonX™ Indoor/Outdoor Flexible Armoured Cable

144 Core Jelly-Filled LSOH Fibre Optic Cable



Hermesys LadonX™ series Indoor/outdoor light armoured cable is designed for usage in Telecom backbones, access line and Fibre to premises (FTTx) applications.

This cable can be used for indoor or outdoor underground duct installation or directed buried and overhead with necessary accessories.

LadonX™ Indoor/outdoor cable is available in Singlemode, Multimode (OM1~OM5).

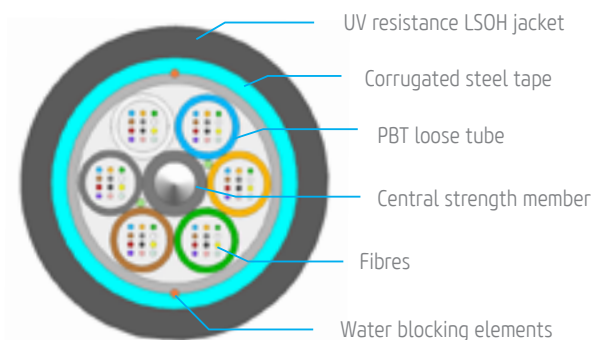
Features and Benefits

Dielectric FRP (fibre reinforced plastic) or steel wire as Central strength member (CSM) can be selected.

Water blocking yarn acts as effective barrier for water penetration.

Corrugated steel tape armouring is a reliable rodent-proofing and offers high crush resistance.

The black LSOH jacket is suitable for both indoor and outdoor use with high performance UV resistance. AT-AR chemical additive is available for option.



Cross section of part number:
◁ Not to scale ▷

Standards

<i>Reference</i>	IEC 60794-1-2-E1
	IEC 60794-1-2-E3
	IEC 60794-1-2-F1
	IEC 60794-1-2-F5B
	IEC/EN 60794-3-10

<i>Flame Resistance</i>	IEC 60332-3-24
	IEC 60754-1/2

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Specifications

GENERAL SPECIFICATIONS

Environment	Indoor/Outdoor
Application	Long haul back bone, access line, FTTB
Cable Type	Multi loose tube
Product Type	Passive cable
Flame Rating	N/A
Fibre Category	Full range of fibre
Drum Length	4,000m

TEMPERATURE RANGE

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

CABLE DESIGN

Fibre Count	144
Fibre Color	EIA/TIA 598 standard
Tensile Strength Elements	Steel wire central strength member or FRP
Armouring	Corrugated steel tape
Water Blocking	Jelly filled water blocking elements
Number of Subunit	12 (max 12 fibres per tube)
Jacket Material	LSOH
Jacket Color	Black with UV stabilized

MECHANICAL CHARACTERISTICS CABLE

Max. Tensile Strength. Short-Term	1800 N
Max. Tensile Strength, Long-Term	1500 N
Nominal Outer Diameter (mm)	15
Nominal Weight (kg/km)	270
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

Remark :

Ordering information

Part Number

20X1DD20Z10

Sheath Marking

Hermesys LadonX Jelly Filled Indoor/outdoor Armoured
Cable 20X1DD20Z10 <Fibre Type> <144core> WWYYYY
XXXXM

Notes:

- 1) X = type of Fibre (0/G652D, 1/OM1, 2/OM2, 3/OM3, 4/OM4, 5/G655, 6/G657A1, 7/G657A2, 8/G657B1, 9/G657B2, M5/OM5)
- 2) YYY = Number of Core (2/2cores, 1B/12 cores, 2D/24cores, 3B/32 cores, 4H/48 cores, 7B/72 cores, 9F/96 cores, 1DD/144 cores)
- 3) Z = type of strength member (0/steel wire, 1/FRP)

Shipping information

Packaging Method

Wooden drums with protection

Delivery Lengths

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