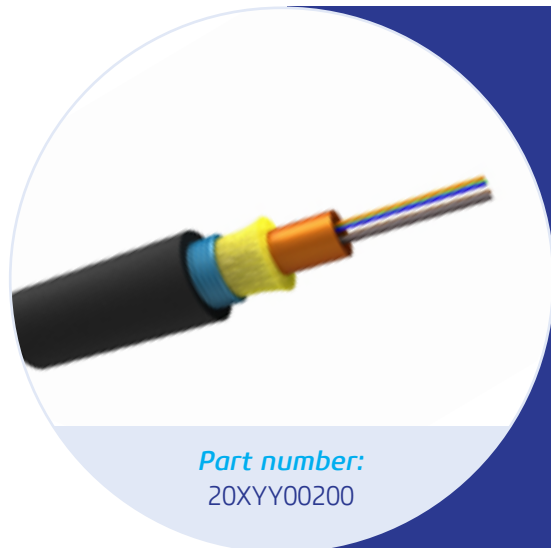


LadonX™ Outdoor Light Armoured Cable

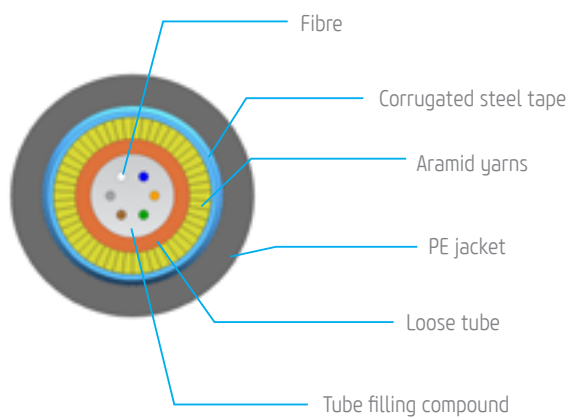
2-12 Core Uni-Tube PE Sheath Fibre Optic Cables



Hermesys LadonX™ Uni tube armoured PE cable is designed for external applications where improved mechanical properties are required.

The cable is with compact construction for optimum space and has excellent tensile strength and crush resistance characteristics and is also rodent proof.

LadonX™ Uni-tube light armoured cable is available in Singlemode, Multimode (OM1 ~ OM5) and specifications are offered ranging from two up to twelve fibres configurations.



Cross section of part number:
<not to scale>

Features and Benefits

Thermoplastic material uni-tube containing up to 12 fibres and filled with suitable water tightness compound.

Aramid yarns strength elements for increasing the cable tensile strength and stability.

The corrugate steel tape provides an excellent rodent protection.

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

Standards

Reference

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

LadonX™ Outdoor Light Armoured Cable

2-12 Core Uni-Tube PE Sheath Fibre Optic Cables

Specifications

GENERAL SPECIFICATIONS

Environment	Outdoor
Application	Building interconnections, Industrial plants
Cable Type	Uni Tube
Product Type	Telecom outside plant
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	2, 4, 6, 8, 12
Fibre Color	EIA/TIA 598 standard
Tensile Strength Elements	Aramid yarns
Armoring	Corrugated steel tape
Number of Loose Tube	1
Outer Jacket Material	High density polyethylene
Outer Jacket Color	Black

MECHANICAL CHARACTERISTICS CABLE

Max. Tensile Strength, Short-Term	1200 N
Max. Tensile Strength, Long-Term	800 N
Crush Resistance, Short-Term	1500N/100mm
Crush Resistance, Long-Term	800N/100mm
Nominal Outer Diameter (mm)	8.1 ± 0.5
Nominal Weight (kg/km)	74
Min. Bend Radius Installation	20 * Diameter
Min. Bend Radius Operation	10 * Diameter

LadonX™ Outdoor Light Armoured Cable

2-12 Core Uni-Tube PE Sheath Fibre Optic Cables

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

20XYY00200

Sheath Marking

Hermesys LadonX Uni-Tube Outdoor Armoured PE Cable
20XYY00200 <Fibre Type> <XXXcore> 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) YY = Number of Core (2/2cores, 4/4cores, 6/6cores, 8/8cores, 1B/12cores)

Shipping information

Packaging Method

Wooden drums with protection

Delivery Lengths

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