

LadonX™ FTTH Drop Cable

1 Core Self-Supporting Armor Fibre Optic Cables



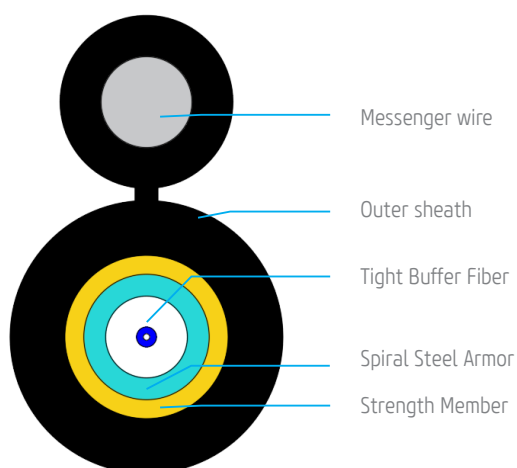
Part number:
20XYY2524T4

Hermesys LadonX™ FTTH armor drop cable is well suited for usage in high speed broadband telecommunication applications.

Suitable for both indoor and outdoor installation.

Aramid Yarn strength members offer superior tensile strength and light weight.

Spiral stainless steel tube protect the fiber with flexibility of installation



Messenger wire

Outer sheath

Tight Buffer Fiber

Spiral Steel Armor

Strength Member

Cross section of part number:
< Not to scale >

Features and Benefits

Tight buffer fiber available in G652D and G657A1/A2/B1/B2/B3.

The aramid yarn strength members ensure reliable tensile resistance for fibre protection.

Messenger wire for self-supporting and easy installation.

The black LSOH material ensure that the cable can meet the indoor and outdoor application.

The spiral stainless steel tube provide additional mechanical protect of fiber

Standards

Comply

IEC 60794-1-2-E1, IEC 60794-1-2-E3
IEC 60794-1-2-E4, IEC 60794-1-2-E6
IEC 60794-1-2-E11, IEC 60794-1-2-F1

Flame Resistance

IEC 60332-1
IEC 61034
IEC 60754-1 & 2

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Specifications

GENERAL SPECIFICATIONS

Environment	Indoor/Outdoor
Application	FTTH, interconnecting buildings
Cable Type	FTTX drop cable with UV resistant
Product Type	Telecom inside plant
Flame Rating	IEC 60332-1
Fibre Category	Full range of fibre
Drum Length	1000m

TEMPERATURE RANGE

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

CABLE DESIGN

Fibre Count	1
Fibre Color	EIA/TIA 598 standard
Tensile Strength Elements	Aramid Yarn
Messenger Wire (Nom.)	1.2mm
Outer Jacket Material	LSOH
Outer Jacket Color	Black

MECHANICAL CHARACTERISTICS CABLE

Max. Tensile Strength. Short-Term	200N (cable without messenger)
Max. Tensile Strength, Long-Term	100N (cable without messenger)
Crush Resistance, Short-Term	1000N/100mm
Crush Resistance, Long-Term	500N/100mm
Nominal Outer Diameter (mm)	2.0 * 3.5 mm
Approx. Weight (kg/km)	15.5
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

20XYY2524T4

Sheath Marking

Hermesys LadonX Self-Support Tight Buffer Armor Drop
Cable LSOH Jacket 20XYY2524T4 <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)
2) YY = Number of Core (1/1core, 2/2cores)

Shipping information

Packaging Method

Wooden drums with protection

Delivery Lengths

Standard delivery length is 1km with a tolerance of $\pm 5\%$