

# LadonX™ FTTH Indoor Drop Cable

## 1/2/4 Core Flat Fibre Optic Drop Cables

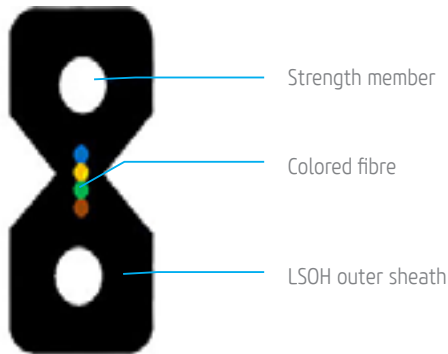


**Part number:**  
20XYY25134

Hermesys LadonX™ FTTH flat drop without mesenger cable is well suited for usage in indoor high speed broadband telecommunication applications.

Two parallel KFRP strength members offer superior crush resistance and protection to the fibre cores.

Light weight, compact design and excellent low bending attenuation make it especially suitable for complicated wiring within indoor environment.



**Cross section of part number:**  
< Not to scale >

### Features and Benefits

Available in G652D and G657A1/A2/B1/B2/B3.

The 2 parallel non-metallic KFRP strength members ensure reliable crush resistance for fibre protection.

Soft and bendable, easy to deploy and maintenance.

The LSOH jacket is suitable for indoor application.

Compact and light weight.

### 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
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	2000m

#### TEMPERATURE RANGE

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

#### CABLE DESIGN

Fibre Count	1/2/4
Fibre Color	EIA/TIA 598 standard
Tensile Strength Elements	KFRP non-metallic strength member * 2
Messenger Wire	N/A
Outer Jacket Material	LSOH
Outer Jacket Color	Black

#### MECHANICAL CHARACTERISTICS CABLE

Max. Tensile Strength, Short-Term	80N
Max. Tensile Strength, Long-Term	40N
Crush Resistance, Short-Term	1000N/100mm
Crush Resistance, Long-Term	500N/100mm
Nominal Outer Diameter (mm)	2.0 * 3.0 mm
Nominal Weight (kg/km)	7.0 (1f), 7.5 (2f), 8.5 (4f)
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**

20XYY25134

**Sheath Marking**

Hermesys LadonX FTTH KFRP Drop Cable LSOH Jacket  
20XYY25134 <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 (2/2cores, 4/4 cores)

### *Shipping information*

**Packaging Method**

Wooden drums with protection

**Delivery Lengths**

Standard delivery length is 2km with a tolerance of  $\pm 5\%$