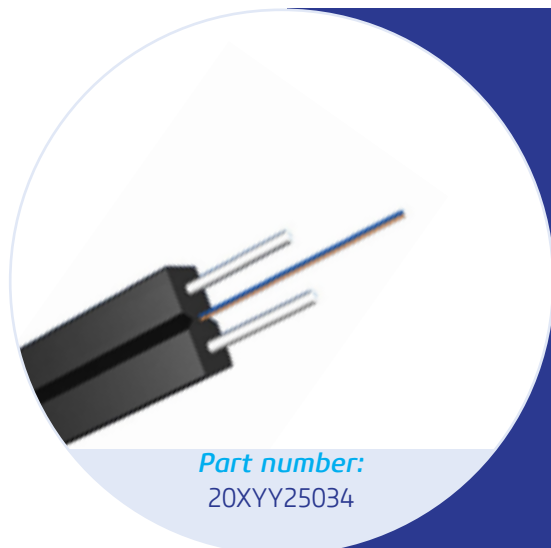


LadonX™ FTTH Indoor Drop Cable

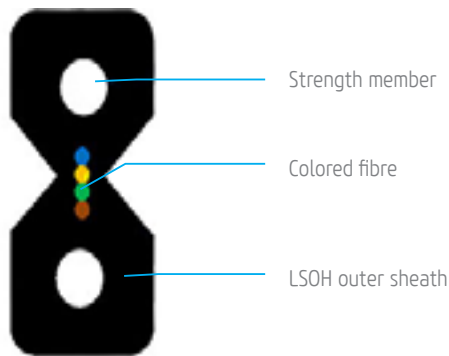
1/2/4 Core Flat Fibre Optic Drop Cables



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

Two parallel steel 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 steel strength members ensure reliable crush resistance for fibre protection.

Flexibility for installation and easy of midspan entry.

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

LadonX™ FTTH Indoor Drop Cable

1/2/4 Core Flat Fibre Optic Drop Cables

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	Steel strength member * 2
Messenger Wire	N/A
Outer Jacket Material	LSOH
Outer Jacket Color	Black

MECHANICAL CHARACTERISTICS CABLE

Max. Tensile Strength, Short-Term	200N
Max. Tensile Strength, Long-Term	100N
Crush Resistance, Short-Term	1000N/100mm
Crush Resistance, Long-Term	500N/100mm
Nominal Outer Diameter (mm)	2.0 * 3.0mm
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

LadonX™ FTTH Indoor Drop Cable

1/2/4 Core Flat Fibre Optic Drop 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

20XY25034

Sheath Marking

Hermesys LadonX FTTH Drop Cable LSOH Jacket

20XYY25034 <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, 4/4cores)

Shipping information

Packaging Method

Wooden drums with protection

Delivery Lengths

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