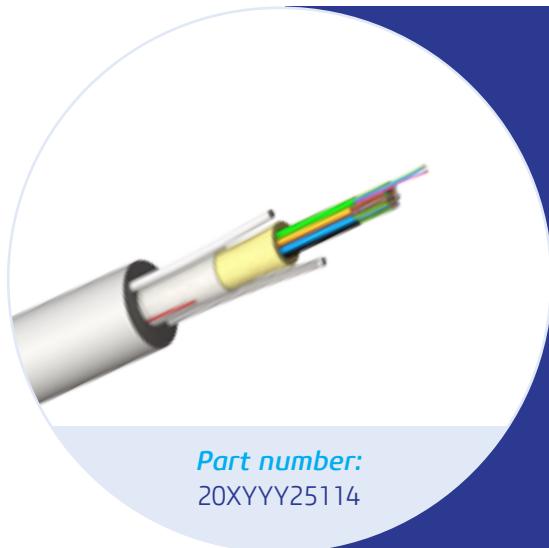


# LadonX™ Mid-Span Cable

24-144 Core Module Fibre LSOH Sheath Distribution Cable

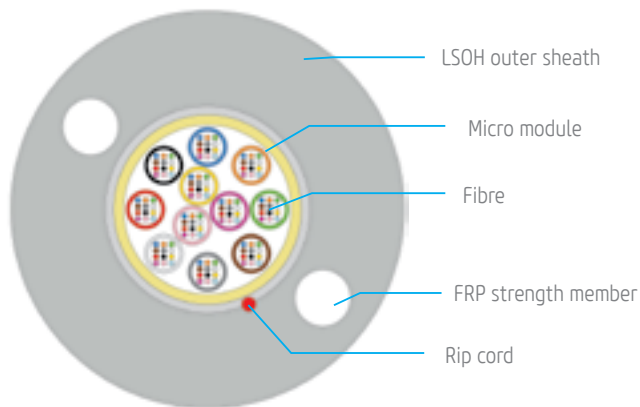


**Part number:**  
20XYYY25114

Hermesys LadonX™ Mid-Span cable is design for FTTH solution and especially suitable for high complexity and multi residential buildings and offices.

Micro-module construction allow easy accessibility fibres by simply cutting a window on the cable outer sheath to retrieve a single micro-module individually.

Two diagonally constructed non-metallic FRP strength members help to increase overall tensile strength of the cable.



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

## Features and Benefits

G657 A1/A2/B3 single mode optical fibres.

Easy access to modules and fibres for traditional mid-span splicing.

Dry buffered element reducing the termination time and eliminating messy jelly cleanup.

The cable is protected by two FRP strength members and resulted in a lighter, yet flexible cable.

LSOH jacket is suitable for building application.

## Standards

**Reference**

IEC 60794-1
IEC 60794-2
ITU-T G657

**Flame Resistance**

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

# LadonX™ Mid-Span Cable

24-144 Core Module Fibre LSOH Sheath Distribution Cable

## Specifications

### GENERAL SPECIFICATIONS

Environment	Indoor
Application	FTTH
Cable Type	Micro-module
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	-5°C to 60°C
Installation	-5°C to 60°C

### CABLE DESIGN

Fibre Count	24/36/48/72/96/144
Fibre Color	EIA/TIA 598 standard
Tensile Strength Elements	FRP non metallic strength member
Number of Strength member	2
Number of Micro Module	2-12
Fibre counts per module	12 (max. 12 fibres)
Micro Module Material/Color	LSOH/EIA-TIA 598 standard
Outer Jacket Material/Color	LSOH/White

### MECHANICAL CHARACTERISTICS CABLE

Max. Tensile Strength. Short-Term	500N
Max. Tensile Strength, Long-Term	200N
Crush Resistance, Short-Term	500N/100mm
Crush Resistance, Long-Term	200N/100mm
Micro Module Diameter (mm)	1.5 ± 0.05
Nominal Outer Diameter (mm)	8.0 (24, 36f)/8.5 (48f)/10.5 (72, 96f)/12 (144f)
Nominal Weight (kg/km)	56 (24f)/62 (36f)/65 (48f)/90 (72f)/92 (96f), 105 (144f)
Min. Bend Radius Installation	20 * diameter
Min. Bend Radius Operation	10 * diameter

# LadonX™ Mid-Span Cable

24-144 Core Module Fibre LSOH Sheath Distribution Cable

## 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

20YYYY25114

Sheath Marking

Hermesys LadonX Indoor Mid-Span LSOH Cable

20YYYY25114 <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) YYY = Number of Core (2D/24 cores, 3B/32 cores, 4H/48 cores, 7B/72 cores, 9F/96 cores, 1DD/144 cores)

## Shipping information

Packaging Method

Plywood drums with protection

Delivery Lengths

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