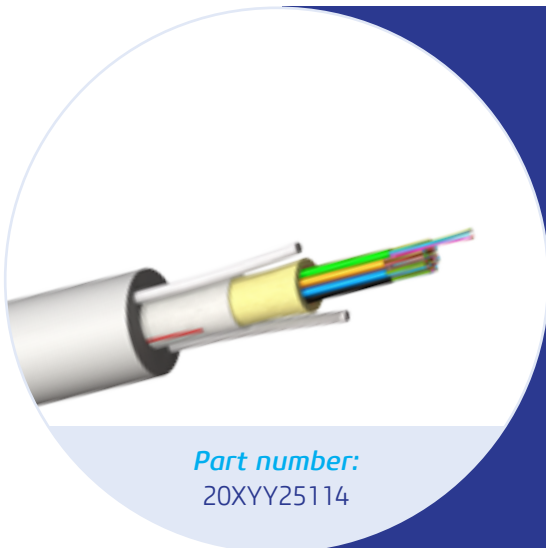


LadonX™ Mid-Span Cable

12 - 80 Core Module Fibre LSOH Sheath Distribution Cable

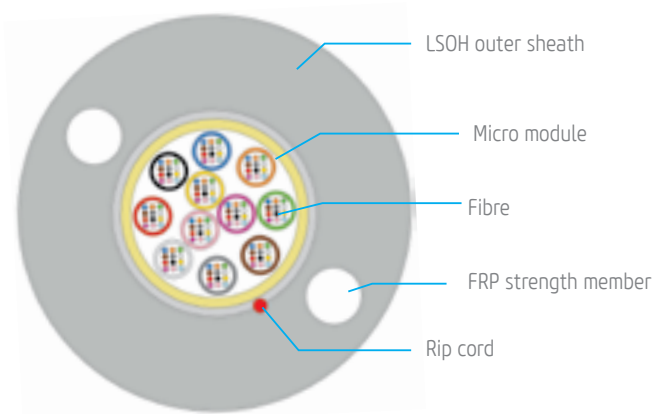


Part number:
20XYY25114

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.

FRP Strength members to protect cables during the installation and make the cable lighter and more flexible.

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

12 - 80 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	12/16/24/32/48/64/80
Fibre Color	EIA/TIA 598 standard
Tensile Strength Elements	FRP non metallic strength member
Number of Strength member	2
Number of Micro Module	2-10
Fibre counts per module	4-8
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)	1.0(16f)/1.15(12, 24, 48f)/1.3(32, 64, 80f)
Nominal Outer Diameter (mm)	8.5(12, 16, 24f)/9.5(32, 48f)/10.5(64, 80f)
Nominal Weight (kg/km)	55(12f)/56(16f)/62(24f)/68(32f)/76(48f)/90(64f)/92(80f)
Min. Bend Radius Installation	20 * diameter
Min. Bend Radius Operation	10 * diameter

LadonX™ Mid-Span Cable

12 - 80 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

20XYY25114

Sheath Marking

Hermesys LadonX Indoor Mid-Span LSOH Cable

20XYY25114 <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 (2D/24 cores, 3B/32 cores, 4H/48 cores, 6D/64 cores, 7B/72 cores, 8J/80 cores)

Shipping information

Packaging Method

Plywood drums with protection

Delivery Lengths

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