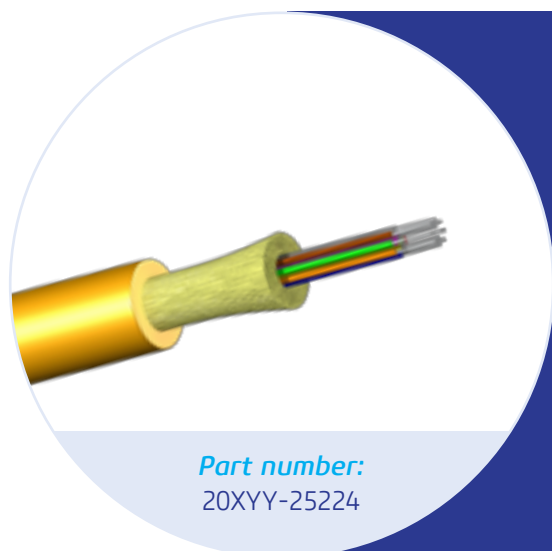


LadonX™ Indoor Distribution Cable

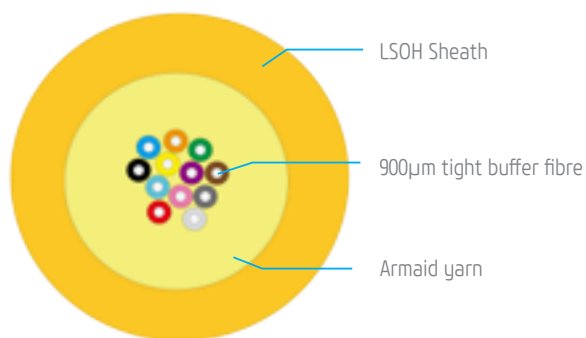
2 - 24 Core Tight Buffer LSOH Sheath Indoor Cable



Hermesys LadonX™ indoor tight buffer distribution cables are designed for routing between communications equipment rooms, data center trunk cabling, backbones and pre-terminated optical assembly.

The 900µm tight buffer fibre is easier to connectorize and each tight buffer fiber has color coated for easy identification.

The low smoke halogen free jacket is suitable and meet for indoor installation requirement on flame retardant.



Cross section of part number:
 < Not to scale >

Features and Benefits

Available in Single Mode Multimode (OM1 ~ OM5)

900µm Tight buffer construction for easy consistent stripping and directly termination.

Each fibre is color coated for easy identification.

The all-dielectric construction requires no grounding or bonding.

The tight buffer fibres surrounded by aramid yarn strength members as protection and increase cable durability.

The LSOH jacket is suitable for indoor application.

Standards

Reference

IEC 60794-1 -2-E1
 IEC 60794-1-2-E3
 IEC 60794-1-2-F1

Flame Resistance

IEC 60332-3C
 IEC 61034
 IEC 60754-1 & 2

LadonX™ Indoor Distribution Cable

2 - 24 Core Tight Buffer LSOH Sheath Indoor Cable

Specifications

GENERAL SPECIFICATIONS

Environment	Indoor
Application	Premise wiring, data center, equipment rooms
Cable Type	Tight buffer cable
Product Type	Telecom inside plant
Flame Rating	IEC 60332-3C
Fiber Category	Full range of fiber
Drum Length	2000m

TEMPERATURE RANGE

Storage	-20°C to 70°C
Operation	-20°C to 60°C
Installation	-10°C to 60°C

CABLE DESIGN

Fiber Count	2-24
Fiber Color	EIA/TIA 598 standard (*)
Central Strength Elements	N/A
Tensile Strength Member	Aramid yarn
Number of Subunit	1
Outer Jacket Material	LSOH
Outer Jacket Color	Singlemode/yellow; OM1 & OM2/Orange; OM3/Aqua; OM4/Aqua or Violet; OM5/Lime Green

MECHANICAL CHARACTERISTICS CABLE

Max. Tensile Strength. Short-Term	600N (<12f)/1000N (>12f)
Max. Tensile Strength, Long-Term	200N (<12f)/500N (>12f)
Crush Resistance, Short-Term	1000N/100mm
Crush Resistance, Long-Term	300N/100mm
Nominal Outer Diameter (mm±0.5)	5(4f), 5.5(6f), 6(8f), 6.5(12f), 7(16f), 8(18f), 8.5(24f)
Nominal Weight (kg/km)	15.2 (4f), 22(6f), 27 (8f), 38 (12f), 45 (16f), 52(18f), 65 (24f)
Min. Bend Radius Installation	20 * diameter
Min. Bend Radius Operation	10 * diameter

LadonX™ Indoor Distribution Cable

2 - 24 Core Tight Buffer LSOH Sheath Indoor Cable

CHEMICAL CHARACTERISTICS

ROHS

Free of hazardous substances according to RoHS
2002/95/EG

Fiber Specifications

Refer the Hermesys fiber specification as per order

Remark :

(*) Color of 2nd group 12 tight buffer with black tracer and follow to the sequence of EIA/TIA 598 standard.

Ordering information

Part Number

20XYY-25224

Sheath Marking

Hermesys Ladon Indoor Tight Buffer LSOH Cable 20XYY-
25224 <Fiber Type> <XXXcore> WWYYYY XXXXM

Notes:

- 1) X = type of fiber (0/G652D, 1/OM1, 2/OM2, 3/OM3, 4/OM4, 5/G655, 6/G657A1, 7/G657A2, 8/G657B1, 9/G657B2, M5/OM5)
2) YY = Number of Core (2/2cores, 1B/12 cores, 1F/16cores, 2D/24cores)

Shipping information

Packaging Method

Wooden drums with protection

Delivery Lengths

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