



LadonX™ 4F OM1 Double Jacket FRT Cable

LSOH OUTER SHEATH WITH ANTI-TERMITE ADDITIVE/STEEL TAPE/MDPE INNER SHEATH

Flame Resistant

IEC 60332-1-1

IEC 60332-1-3

IEC 60332-3-24

Design Reference

IEC 11801

IEC 60794-1-2-E1

IEC 60794-1-2-E3

IEC 60794-1-2-F1

IEC 60794-1-2-F5B

Application

Broadband network

Working Conditions

Storage Temperature

-40°C ~ +70°C

Installation Temperature:

-40°C ~ +70°C

Operation Temperature

-10°C ~ +60°C

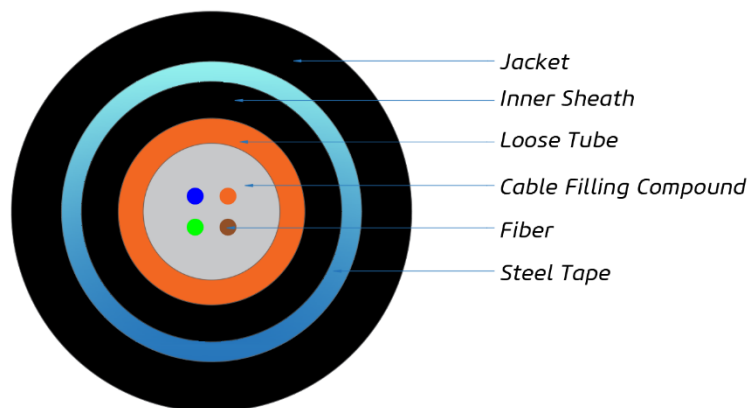
Min. Allowable

Bending Radius

Static: > 10 D

Dynamic: > 20 D

D is the out diameter of the cable



Technical data

Number of Fibers		4
Fiber Type		OM1
Inner Sheath		Black MDPE
Thickness of Inner Sheath (Nom.)	mm	1.0
Outer Sheath		Black LSOH with Anti-termite additive
Thickness of Outer Sheath (Nom.)	mm	2.0
Water Blocking		Cable filling compound
Armor		Steel tape
Overall Diameter (Nom.)	mm	8.3
Weight Approx.	kg/km	90

Fiber Chromatogram

No.	1	2	3	4
Color	Blue	Orange	Green	Brown



Mechanical Property

No.	Mechanical Specification	Unit	Designed Value
1	Max. tensile strength	N	1200
2	Min. tensile strength	N	800
3	Crush resistance Short-Term	N/100mm	1500
4	Crush resistance Long-Term	N/100mm	800

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS LADONX 4F DOUBLE JACKET FRT CABLE OM1 WW YYYY XXXXM

Shipping Information

Packing Method

Wooden Drum with proper protection

Delivery Length

4 km per drum

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