



LadonX Multipair Telephone Outdoor Cable 2 Pair LSOH Outer Sheath

Flame Resistant

IEC 60332-1

Design Reference

CW1179

CW205

M142

TI A2 M2001

M132

BS6360

BS5099

SS80: 1972

Application

Underground Telecom Network

Working Conditions

Storage Temperature

-20°C ~ +60°C

Installation Temperature:

-20°C ~ +50°C

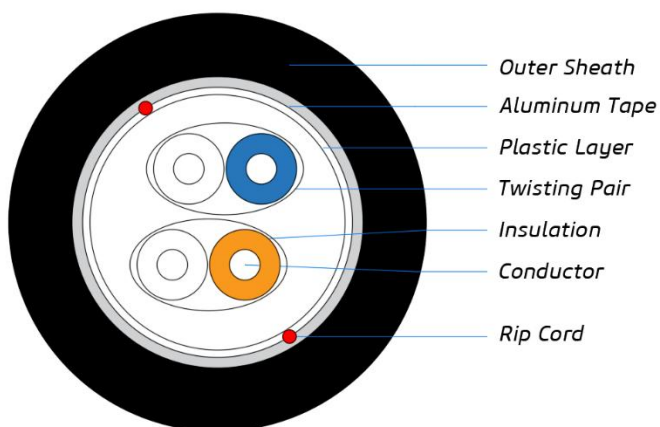
Operation Temperature

-20°C ~ +60°C

Min. Allowable Bending Radius

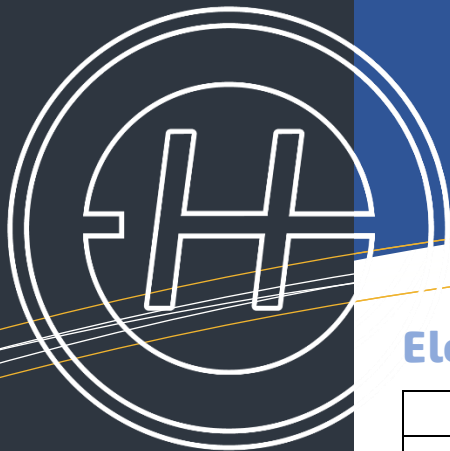
Static: > 15 D

D is the out diameter of the cable



Technical data

Number of Pairs	2	
Conductor	99.9% pure annealed copper	
Conductor OD	mm	0.81 ± 0.01
Insulation	PE	
After Insulation OD (Nom.)	mm	1.45
Core Wrapping	A continuously protective layer of tape is lapped helically	
Rip Cord	Two nylon yarn are placed horizontally	
Moisture Barrier	Single layer longitudinally overlapped APL tape	
Thickness of Aluminum Tape(Nom.)	mm	0.2
Thickness of Plastic Layer(Nom.)	mm	0.1
Outer Jacket	LSOH	
Color of Jacket	Black	
Overall Cable Diameter(Nom.)	mm	8.7



Electrical Characteristics

Max. Conductor Resistance at 20°C	36.6Ω/km	
Resistance Unbalance	Max. Average	5%
Dielectric Strength	Core to core	1.0 kV DC/1min.
	Core to screen	3.0 kV DC/1min.
Capacitance unbalance at 1000±100kHz	Pair to pair	Max. RMS: 275 pF/500m
	Pair to Ground	Max. Individual: 2630 pF/km
		Max. Average: 570 pF/km
Max. Avg. Mutual Capacitance at 1000±100Hz	52 ± 4 nF/km	
Min. Insulation Resistance at 20 °C	10000 MΩ·km	

Insulation Colour Coding

Number of pairs		1	2
Insulation color coding	a	white	white
	b	blue	orange

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS LADONX OUTDOOR TELEPHONE CABLE LSOH SHEATH 2 PAIR WWYYYY XXXXXM

Shipping Information

Packing Method

Wooden Drum with Protection

Delivery Length

Standard Delivery Length is 1km for 2P



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