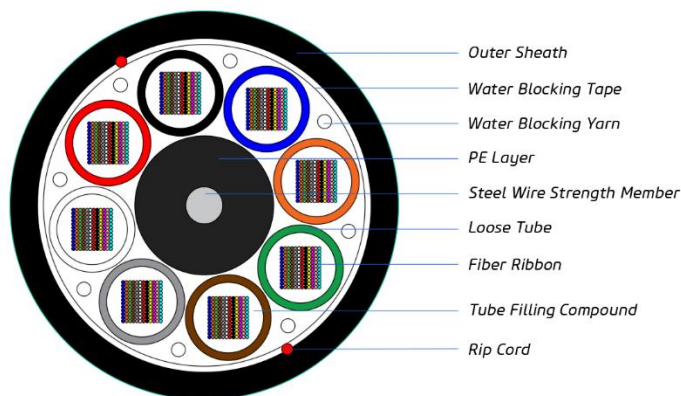




LadonX™ 1152F Duct Cable

PE SHEATH/WATER BLOCKING TAPE/WATER BLOCKING YARN/STEEL WIRE
CENTRAL STRENGTH MEMBER



Design Reference

IEC 60794-1-1
IEC 60794-1-21
IEC 60794-1-22
IEC 60794-3
IEC 60794-3-10
IEC 60794-3-11
ITU-T G.657.A1

Application

Applicable to duct installation.

Working Conditions

Storage Temperature
-40°C ~ +70°C
Installation Temperature:
-40°C ~ +70°C
Operation Temperature
-40°C ~ +70°C

Min. Allowable Bending Radius

Static: > 10 D
Dynamic: > 20 D
D is the out diameter of the cable

Technical data

Number of Fibers		1152
Fiber Type		G.657
Central Strength Member		Steel wire
Steel Wire Diameter (Nom.)	mm	2.6
PE Layer Diameter (Nom.)	mm	12
Loose Tube Diameter (Nom.)	mm	7.4
No. of Loose Tube		8
Fiber Per Tube		12F ribbon × 12
Water Blocking		Water blocking yarn + Water blocking tape
Outer Sheath		PE
Outer Sheath Color		Black
Thickness of Outer Sheath (Nom.)	mm	2.0
No. of Rip Cord		2
Overall Diameter (Nom.)	mm	31.6
Weight Approx.	kg/km	660



Fiber Ribbon Chromatogram

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Slate	White
No.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

Loose Tube Chromatogram

No.	1	2	3	4
Color	Blue	Orange	Green	Brown
No.	5	6	7	8
Color	Slate	White	Red	Black

Mechanical Property

No.	Mechanical Specification	Unit	Designed Value
1	Max. tensile strength	N	2700
2	Crush resistance	N/100mm	2000

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS LADONX DUCT CABLE 1152F G657 WW YYYY XXXXM

Shipping Information

Packing Method

Wooden Drum with proper protection

Delivery Length

4 km per drum

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