



LadonX™ FLASH PULL Distribution Cable

Indoor/Outdoor Fully Dry Fire Retardant 120/144F G657A2

Flame Resistant

IEC 60332-1

Design Reference

IEC 60794-1-1

IEC 60794-1-2

IEC 60794-3

IEC 60794-5

Application

FTTX

Working Conditions

Storage Temperature

-40°C ~ +60°C

Installation Temperature:

-10°C ~ +50°C

Operation Temperature

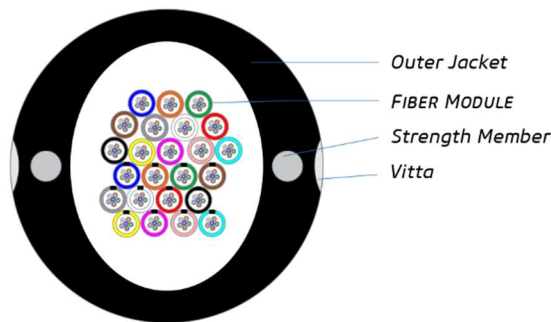
-30°C ~ +60°C

Min. Allowable Bending Radius

Static: $\geq 10 D$

Dynamic: $\geq 20 D$

D is the out diameter of the cable



The FLASH PULL distribution window cable is designed for high-rise buildings with dense users and last mile outdoor underground cable distribution.

The Fully Dry structural can drastically reduce the cable deployment time by eliminating the process to wipe out jelly and by mass fusion splicing just like conventional cable.

Open a window on anywhere on the cable sheath with at least 40m subunits can be extracted easily from the window as branch terminals to meet the diverse data access needs of users.

Technical data

Number of Fibers	120/144
Fiber Type	G657A2
Colored Coating Fiber Diameter (Nom.)	μm 250
Fiber Module Material	LSOH
Fiber Module Diameter (Nom.)	mm 1.25
No. of Fiber Module	20/24
Fiber in Module	6
Strength Member	FRP
Strength Member Diameter (Nom.)	mm 1.5
No. of Strength Member	2
Vitta Color	White
No. of Vitta	2
Outer Sheath	LSOH
Outer Sheath Color	Black
Overall Diameter (Nom.)	mm 14.1
Weight Approx.	kg/km 125

Fiber Chromatogram

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Slate	White



Fiber Module Chromatogram

No.	1	2	3	4	5	6	No Spot Ribbon
Color	Blue	Orange	Green	Brown	Slate	White	
No.	7	8	9	10	11	12	
Color	Red	Black	Yellow	Violet	Pink	Aqua	1 spot ribbon
No.	13	14	15	16	17	18	
Color	Blue	Orange	Green	Brown	Slate	White	
No.	19	20	21	22	23	24	
Color	Red	Black	Yellow	Violet	Pink	Aqua	

Mechanical Property

No.	Mechanical Specification	Unit	Designed Value
1	Max. tensile strength	N	400
2	Min. tensile strength	N	200
3	Crush Short term/Long term	N/100mm	1000/300
4	Water Penetration Under the temperature of 20±5℃	Cable Length:3M Water Height: 1M Duration: 24H	No water leaking out from fiber module

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS LADONX FLASH PULL DISTRIBUTION CABLE XXXF G657A2 VWV YYYY XXXXM

Shipping Information

Packing Method

Wooden Drums Protection.

Delivery Length

0.5-2.0 km per drum/ According to customer request.

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