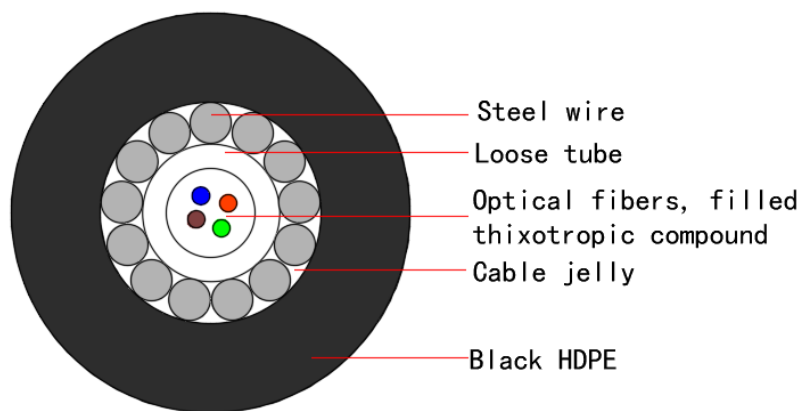




# ChimeraX™ 4F Outdoor Armor Cable

## Uni-tube structural, Steel Wire Armor, HDPE Jacket



### Flame Resistant

N/A

### Design Reference

IEC 60794-1-1

IEC 60794-1-21/22

IEC 60794-3

IEC 60794-5

ITU G.652D

### Application

Outdoor Application

### Working Conditions

Storage Temperature

-40°C ~ +70°C

Installation Temperature:

-15°C ~ +60°C

Operation Temperature

-40°C ~ +70°C

### Min. Allowable Bending Radius

Static:  $\geq 10 D$

Dynamic:  $\geq 20 D$

D is the out diameter of the cable

## Technical data

|                            |                        |
|----------------------------|------------------------|
| Number of Fibers           | 4                      |
| Fiber Type                 | G652D                  |
| No. of Loose Tube          | 1                      |
| Fiber Count per tube       | 4                      |
| Central Strength Member    | N/A                    |
| Water Blocking             | Tube Jelly             |
| Aarmor                     | Phosphating Steel Wire |
| Outer Sheath               | HDPE                   |
| Color of Sheath            | Black                  |
| Thickness of Jacket (Nom.) | mm1.3                  |
| Cable OD (Nom.)            | mm5.8                  |
| Cable Weight Approx.       | kg/km52                |

## Tube Color Chromatogram

|       |       |
|-------|-------|
| No.   | 1     |
| Color | White |

## Fiber Color Chromatogram

|       |      |        |       |       |  |  |
|-------|------|--------|-------|-------|--|--|
| No.   | 1    | 2      | 3     | 4     |  |  |
| Color | Blue | Orange | Green | Brown |  |  |



## Mechanical Property

| No. | Mechanical Specification                            | Unit                                                 | Designed Value                         |
|-----|-----------------------------------------------------|------------------------------------------------------|----------------------------------------|
| 1   | Max. tensile strength                               | N                                                    | 1500                                   |
| 2   | Crush Short term/Long term                          | N/100mm                                              | 1000/300                               |
| 3   | Water Penetration<br>Under the temperature of 20±5℃ | Cable Length:3M<br>Water Height: 1M<br>Duration: 24H | No water leaking out from fiber module |

## Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS CHIMERAX OUTDOOR SWA ARMOR CABLE 4F G652D P/N WW YYYY XXXXM

## Shipping Information

Packing Method

Wooden Drums Protection.

Delivery Length

4 km per drum/ According to customer request.

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