



ChimeraX™ 2F TPE Jacket 150 degC Cable

Stainless steel loose tube

Flame Resistant

N/A

Design Reference

ITU-T G.652D

IEC 60793-2-10

IEC 60794-1-21-E1

IEC 60794-1-21-E3/E4

IEC 60794-1-21-E6/E7

IEC 60794-1-21-E11

RoHS

Working Conditions

Storage Temperature

-40°C ~ +70°C

Installation Temperature:

-10°C ~ +60°C

Operation Temperature

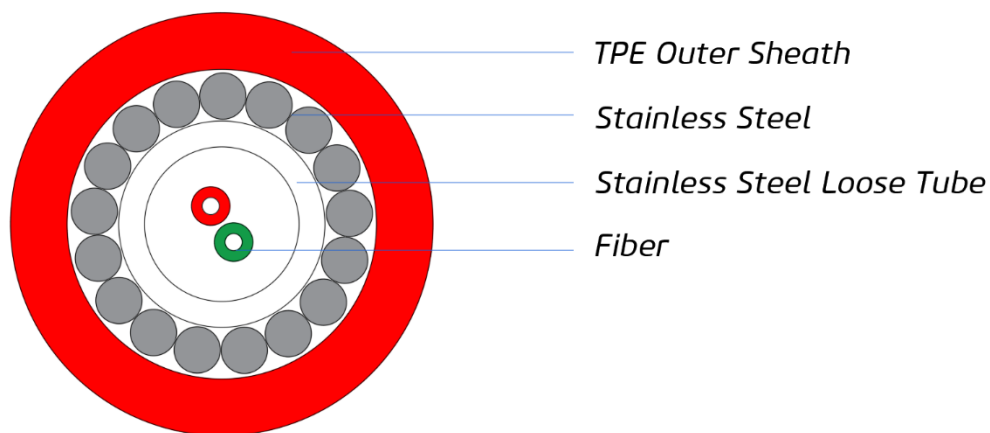
-40°C ~ +70°C

Min. Allowable Bending Radius

Static: > 15 D

Dynamic: > 20 D

D is the out diameter of the cable



Technical data

Fiber	G652D
Number of Fiber	2
Tube structure	Stainless steel loose tube
Strength materials	Stainless steel
Loose tube color identification	Red & Green
Outer Sheath	Red TPE (other color is available)
Overall Diameter(Nom)	mm 4.8



Optic Fiber

Optic Fibers supplied in this specification meet the requirements of ITU-T G.652D

Parameter	Specification
MFD (1310nm)	8.6~9.5 μm
Cladding diameter	125 $\pm$ 0.7 μm
Coating diameter	245 $\pm$ 10 μm
Core/cladding concentricity error	$\leq$ 0.6 μm
Coating/cladding concentricity error	$\leq$ 12.5 μm
Cladding non circularity	$\leq$ 1.0%
Cut off wavelength	$\lambda_{cc} \leq 1260\text{nm}$
Attenuation coefficient	1310nm: 0.36dB/km max after cabling 1550nm: 0.22dB/km max after cabling

Mechanical Property

No.	Mechanical Specification	Unit	Designed Value
1	Max. tensile strength	N	3000
2	Crush resistance	N/100mm	3000

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS CHIMERAX TPE 150 DEGC CABLE 2F G652D WW YYYY XXXXM

Shipping Information

Packing Method

Wooden Drum with proper protection

Delivery Length

According to customer requirements

Info@hermesys.com
Phone +65 66921168
42 Emerald Hill Road, Singapore



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