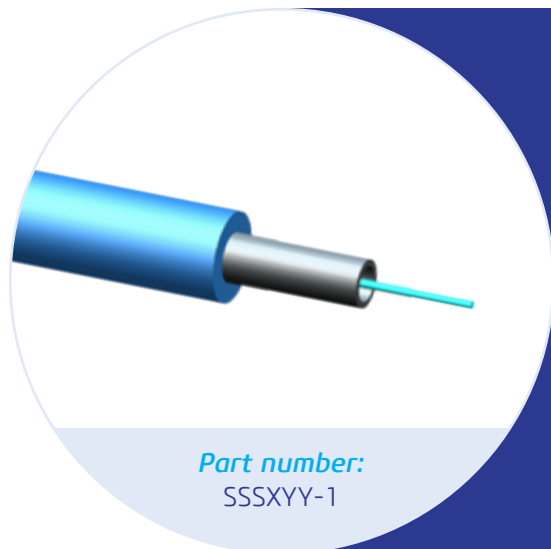


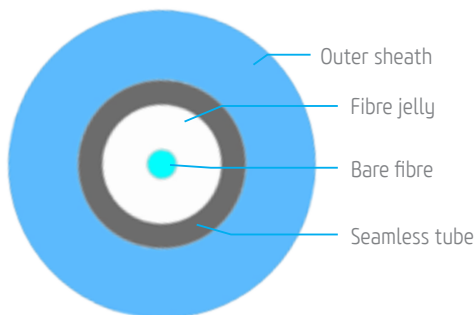
ChimeraX™ Seamless Tube Fibre Optic Cable

1/2 Cores Temperature Testing Cable



ChimeraX™ stainless steel fibre optic cable is widely used for oil & gas drilling hole machine, temperature and pressure sensor equipments.

The unique technology to install the fibre into 1.8MM seamless stainless steel tube protects the fibre working in extremely harsh environment.



Cross section of part number:
<not to scale>

Features and Benefits

Used in oil field, mine and chemical industry for temperature and pressure inspection to avoid any accident.

Excellent mechanical, transmission and environmental property.

Stainless tube provides excellent protection of fibres inside, small diameter and high intensity.

Hermetic design, rust resistance and waterproof.

Standards

Approval and Listings

IEC60794-1-E1
IEC60794-1-E3
IEC60794-1-2-F1

Flame Resistance

IEC 60332-1
IEC 61034
IEC 60754-1 & 2

ChimeraX™ Seamless Tube Fibre Optic Cable

1/2 Cores Temperature Testing Cable

Specifications

GENERAL SPECIFICATIONS

Environment	Oil field, mine & chemical industry
Application	Pressure, Temperature monitoring
Cable Type	Uni seamless stainless steel tube
Product Type	Harsh environment sensor cable
Flame Rating	IEC 60332-1
Fibre Category	Full range fibre
Drum Length	500m

TEMPERATURE RANGE

Storage	-40°C ~ 70°C
Operation	-40°C ~ 85°C
Installation	-20°C ~ 70°C

CABLE DESIGN

Fibre Count	1 & 2
Filling	Fibre jelly
Diameter of Tube	1.5/1.8 mm
Material of Tube	Stainless steel Seamless tube
Outer Jacket Material	PVC or LSOH

MECHANICAL CHARACTERISTICS CABLE

Max. Tensile Strength	≥ 1000N
Max. Press Resist	≥ 3000N
Max. Crush Resistance	0.75J
Aging Experiment (85°C, 168hrs)	Attenuation SM ≤ 0.2dB/km, MM ≤ 0.3dB/km
Shake Experiment (10Hz, Swing 5mm, 100,000times)	Attenuation increase ≤ 0.2dB/km
Nominal Outer Diameter (mm)	3.0 (1f), 3.5 (2f)
Nominal Weight (kg/km)	38

ChimeraX™ Seamless Tube Fibre Optic Cable

1/2 Cores Temperature Testing Cable

Ordering information

Part Number	SSSXYY-1
Sheath Marking	Hermesys ChimeraX Seamless Tube Temperature Test Fibre Optic Cable SSSXYY-1 <Fibre Type> <XXXcore> WWYYYY XXXXM

Notes:

- 1) X = type of Fibre (0/G652D, 1/OM1, 2/OM2, 3/OM3, 4/OM4, 5/G655, 6/G657A1, 7/G657A2, 8/G657B1, 9/G657B2)
- 2) YY = Number of Core (2D/24 cores, 4H/48 cores, 7B/72 cores)

Shipping information

Packaging Method	Wooden drums with protection
Delivery Lengths	Standard delivery length is 500m with a tolerance of $\pm 5\%$