

SLO-FR

Single tube fire resistant cable

SLO-000-**-M1-A1-WB-FR



Approved by:



APPLICATIONS

- Safety Systems, Critical Connections and Fire Fighting Systems
- Outdoor installation in Off-shore, Oil & Gas and Marine applications
- Data transmission and telecommunication systems

OPERATING TEMPERATURE

-40 °C / + 70 °C (operating)
 -40 °C / + 70 °C (storage)
 -10 °C / + 70 °C (installation)

MINIMUM BENDING RADIUS

20 times overall diameter (dynamic)
 10 times overall diameter (static)

CABLE CONSTRUCTION

Fibres

Singlemode and multimode fibres, with loose technology coating.

Structure

The jelly filled tube containing up to 24 fibres wrapped with a mica tape. Overall glass yarns and glass tape to improve the fire and WB performance

Inner sheath

LSZH compound.

Armouring

Galvanized steel wire braid

Outer sheath

Type: LSZH - SHF1 compound

APPLICABLE STANDARDS

Materials

IEC 60092-360

Optical fibre characteristics

IEC 60794-1-1, IEC 60794-1-2

Fire resistant

IEC 60331-25

Fire retardant

IEC 60332-3-22

Flame retardant

IEC 60332-1-2

Acid gas emission

IEC 60754-1, EC 60754-2

Smoke density

IEC 61034-2 EN 50268-2

Cables for offshore installation

NEK 606

Type	Fibre (n° max)	Tube Diameter (mm)	Diameter (mm)	Weight (kg/km)	Tension load (N)	Crush (N/100mm)
SLO-000-**(n)-M1-A1-FR	4	2.7	9.6	120	1500	3000
SLO-000-**(n)-M1-A1-FR	8	2.7	9.6	120	1500	3000
SLO-000-**(n)-M1-A1-FR	12	2.7	9.6	120	1500	3000
SLO-000-**(n)-M1-A1-FR	24	2.7	9.6	120	1500	3000

approximate values