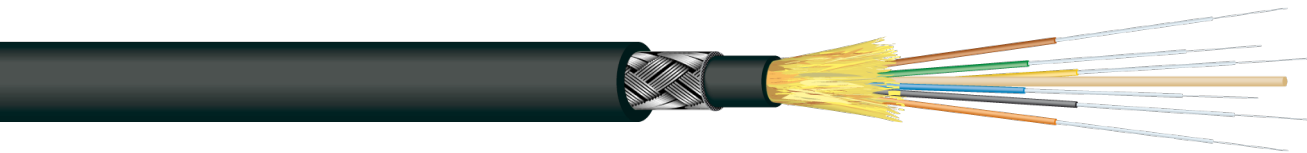


AICI/AICU

MultiTight

MTI-000-**-M1-A1-AICI/AICU



Approved by:



ABS



APPLICATIONS

- 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 tight technology coating.

Structure

Tight fibers (each single fiber reinforced by PA at 850 micron), assembled around a central FRP with peripheral swellable aramide yarns.

Inner sheath

LSZH compound.

Armouring

Galvanized steel wire braid

Outer sheath

AICI type: LSZH SHF1 compound

AICU type: LSZH SHF2 - SHF2 MUD resistant compound⁽¹⁾

APPLICABLE STANDARDS

Materials

IEC 60092-360

Optical fibre characteristics

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

Fireretardant

IEC 60332-3-24

Flame retardant

IEC 60332-1-2

Acid gas emission

IEC 60754-1

IEC 60754-2

Smoke density

IEC 61034-2

Cables for offshore installation

NEK 606

Type	Fibre (n° max)	Tube Diameter (mm)	Diameter (mm)	Weight (kg/km)	Tension load (N)	Crush (N/100mm)
MTI-000-**-M1-A1-AICI/AICU	2	0.850	7.8	88	500	2000
MTI-000-**-M1-A1-AICI/AICU	4	0.850	8.0	98	600	2000
MTI-000-**-M1-A1-AICI/AICU	8	0.850	9.0	110	800	2000
MTI-000-**-M1-A1-AICI/AICU	12	0.850	10.0	130	1000	2000

approximate values

(1) Test for: Oil based drilling fluid, Calcio Bromide Brine, IRM 902 and IRM 903 oils