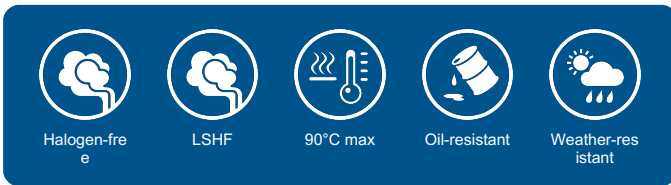


AMOEXTREME FIBER COM



APPLICATION

AmoExtreme Fiber Com is designed for use under extreme conditions. The cable design includes a fiber optic cable "SM 12". Outer sheath of PUR makes the cable oil resistant and weather resistant. It is in general resistant to mechanical stress and provides extra protection for the fiber cable. The cable is designed for 0,6/1kV, which makes the insulation thickness larger than the standard PUR cables. AmoExtreme Fiber Com is suitable for installation in water to a depth of 300 meters which makes it

STANDARDS

- Conductor**
IEC 60228 Class 5
- Halogen free**
IEC 60754-1
- Oil resistance**
IEC 60811-404
- Material**
EN 50363-1
EN 50363-10-2

APPROVAL

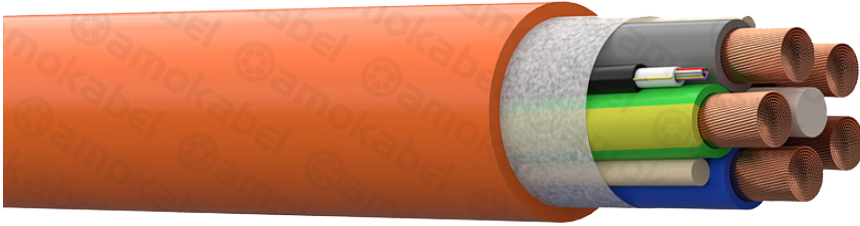


CONSTRUCTION

- Bending radius - Final mount fixed**
4 xOD
- Bending radius - Final mount flex**
8 xOD
- Conductor**
Bare flexible copper
- Fibre optic cable**
Single Mode G12
- Fillers**
Helical lapping tape (fillers if needed)
- Insulation**
Cross-linked EPR
- Water max depth**
300 m
- Outer sheath**
Thermoplastic Polyurethane

PROPERTIES

- Max. continuous temperature**
+90°C
- Max temperature**
85 °C
- Min. temperature**
-40 °C
- AC Voltage rating U_0/U**
0,6/1kV



Name	Outer diameter [mm]	Total weight [kg/km]	Installation Current in open air, ambient temperature 30°C [A]
5G6	19.1	560	44
5G10	19.3	645	61
5G16	22.2	961	82
5G25	26.8	1462	108
5G35	30.6	1986	135
5G50	35.2	2784	168

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