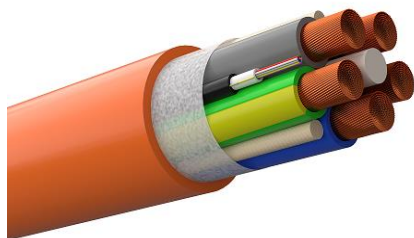


AMOExtreme Fiber Com



Applications:

AMOExtreme Fiber Com is designed for use under extreme conditions. The cable design includes a fiber optic cable "SM 12F". The reinforced outer sheath of PUR makes the cable very resistant to mechanical stress and provides extra protection for the fiber cable. The cable is designed for 0.6 / 1kV voltage, which makes the insulating thickness and the outer sheath diameter larger than the standard PUR cables. AMOExtreme Fiber Com is suitable for installations in water to a depth of 100 meter which makes it particularly suitable for use in the fish farming industry.

The cable is manufactured in Sweden and designed for Nordic requirements

Properties:

Conductor temperature	+90°C
Temperature range	-40 to +85°C
Voltage Rating Uo/U	0,6/1kV

Standards:

Conductor	IEC 60228,5
Construction	EN 50363,1
	EN 50363,10-2
Halogen free	IEC 60754-1
Oil resistance	IEC 60811-404

Construction	
Conductor	Bare flexible copper
Insulation	Cross-linked EPR
Filler	Helical lapping tape (fillers if needed)
Fiber optic cable	Single Mode 12F
Outer sheath	Thermoplastic Polyurethane
5-core identification	Yellow/Green, Blue, Brown, Black, Grey
Marking	AMOExtreme Fiber Com-size- 0,6/1kV YY/WW CE (customer unique marking on request)
Outer sheath color	Orange (Other colors on request)
Bending radius, fixed installation	4 x Outer diameter
Bending radius, flexible	8 x Outer diameter
Flame retardant	No
Test Voltage	3500V
Max depth, installation in water	100 meter



Number of cores X conductor cross- section	Nominal outer diameter	Weight	Current rating installation upon or on surface, ambient 30°C	GTIN EAN Code	EL Number
	[mm]	[kg/km]	[A]		
5G10	20,6	770	61	7340060563378	
5G16	23,3	1070	82	7340060563330	
5G25	27,6	1640	108	7340060563385	
5G35	31,3	2210	135	7340060563392	
5G50	36,1	3060	168	7340060563408	