



XTREM OFFSHORE UX 0,6/1kV

The Offshore wiring cable

IEC 60092-353 / NEK TS 606

DESIGN

1. Conductor

Tinned copper, class 5 (flexible), based on EN 60228

2. Insulation

Mud resistant thermosetting compound, low smoke and halogen free, type SHF MUD.

The standard identification is the following:

Yellow/Green

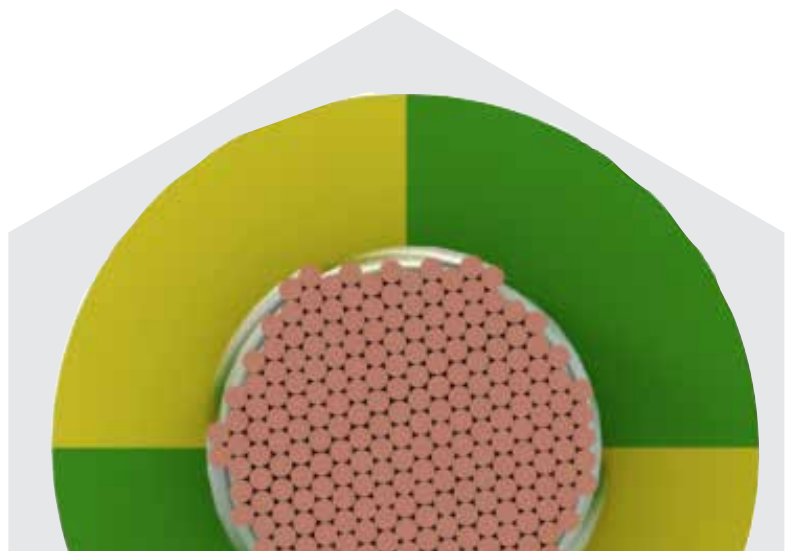
For protective earth

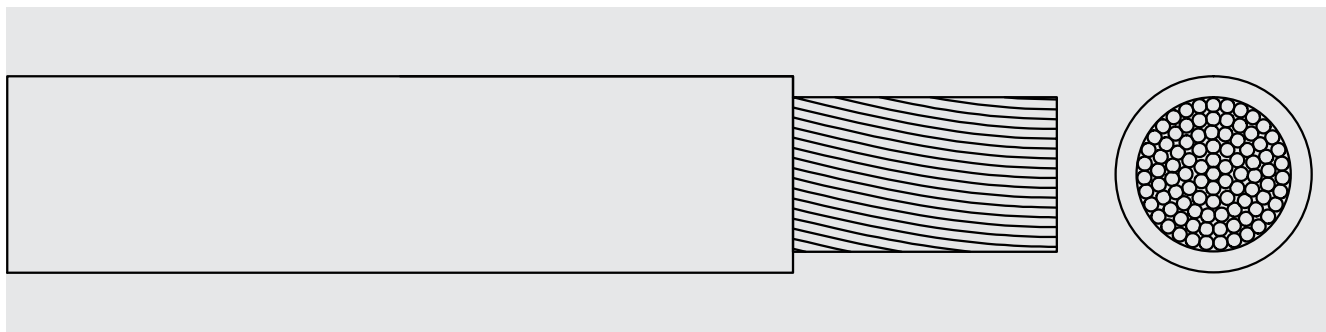
Other colours

When used as single wire (HD 308.52)

APPLICATIONS

The Xtrem Offshore UX 0,61/kV halogen free single core cable is a safety cable. In the event of fire, it does not emit toxic gases, thereby protecting people. Nor does it give off corrosive gases, avoiding any possible damage to electronic equipment. For these reasons it is highly recommended for switchboard wiring in marine and oil rigs applications.





CHARACTERISTICS



Electrical performance

LOW VOLTAGE 0,6/1kV



Standards

IEC 60092-353 / NEK TS 606



Approvals

CE
ROHS



Thermal performance

Maximum service temperature 90°C
Maximum short-circuit temperature: 250°C (max. 5 s)
Minimum service temperature: -40°C (Fixed and protected installation)



Fire performance

Flame non-propagation based on UNE-EN 60332-1 and IEC 60332-1.
Fire non-propagation based on UNE-EN 60332-3-22 and IEC 60332-3-22.
LSZH (Low Smoke Zero Halogen) based on UNE-EN 60754-1 and IEC 60754-1.
Low smoke emission based on UNE-EN 61034 and IEC 61034: Light transmittance > 60%
Low corrosive gases emission based on UNE-EN 60754-2 and IEC 60754-2.



Mechanical performance

Minimum bending radius: 5 x cable diameter.



Chemical performance

Chemical & oil resistance: excellent.



Water performance

Water resistance A6 waves.



Other

Metre by metre marking.



Installation conditions

In conduit.



Applications

Electrical panel wiring.



Mud resistance

According to NEK TS 606



DIMENSIONS

Cross section (mm ²)	Diameter (mm)	Weight (Kg/km)	Open Air 45°C (A)	Voltage drop (V/A-km)	Max. Conductor resistance at 20°C (Ohm/Km)
1 x 2,5	3,95	45	25	17,70	8,2100
1 x 4	4,50	60	35	11,00	5,0900
1 x 6	5,05	80	46	7,32	3,3900
1 x 10	6,00	120	64	4,23	1,9500
1 x 16	7,00	180	88	2,68	1,2400
1 x 25	8,80	280	117	1,73	0,7950
1 x 35	9,90	370	147	1,25	0,5650
1 x 50	11,80	520	180	0,87	0,3930
1 x 70	13,20	730	233	0,61	0,2770
1 x 95	15,40	970	285	0,46	0,2100
1 x 120	16,90	1.220	333	0,36	0,1640
1 x 150	19,00	1.520	386	0,29	0,1320
1 x 185	21,10	1.890	444	0,24	0,1080
1 x 240	23,90	2.450	528	0,18	0,0817
1 x 300	26,90	3.090	612	0,14	0,0654