



## 6/10 kV

23-09-2020

### Properties

#### Application:

Highly flexible, midvoltage (6/10 kV), armoured, three core power cables for applications which require continuous bending, e.g. on cable chains in dredgers or in retractable Azipod drives

#### Characteristics:

- Class 5 conductor, with special XLPE insulation
- Very good resistance against chemicals, UV resistant and highly abrasion resistant due to PUR outer sheath
- Halogen free and low smoke, flame retardant
- Excellent abrasion resistance
- Easy installation in tight spaces due to flexibility
- Different colour outer sheaths, other than red, available on request

#### Core identification:

- Numbered



### Specifications

Product group	Medium-voltage ship-cable
Type	MarinePower MultiFlex YQOQmv 6/10 kV
Standardization	IEC 60092-354
Shape of conductor	Round
Conductor category	Class 5+ = extra flexible
Conductor shield	Semiconductive Compound with semiconductive tape
Core insulation	XLPE (VPE)
Insulation shield	Semiconductive Compound with semiconductive tape
Laminated sheath	Yes
Core shield construction	Copper round wire + copper tape counter spiral
Material inner sheath	PUR (Polyurethane)
Earthscreen construction	Core screen and tinned copper braiding combination
Material outer sheath	PUR (Polyurethane)



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Colour outer sheath	Red
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1
Low smoke	IEC 61034-2
Nominal voltage U <sub>0</sub>	6 kV
Nominal voltage U	10 kV
Nominal voltage U <sub>max</sub>	12 kV
Max. conductor temperature	90 °C

### 3 products

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min bending radius after installation m	Outer diameter approx.	Tensile load	Standardization
33189	3 x 50 mm <sup>2</sup>	Round	Red	5,290	0.345	57,5	7500	IEC 60092-354
33191	3 x 95 mm <sup>2</sup>	Round	Red	7,464	0.3924	65,4	14250	IEC 60092-354
33192	3 x 95 mm <sup>2</sup>	Round	Red	8,069	0.42	70,0	14250	IEC 60092-354