

## Power cable < 1 kV, for flexible applications Radox Marine\_MC



<b>Application</b>	: Highly flexible, light weight cable for marine and offshore applications. Halogen free, flame retardant (bunchtest), resistant to weather, diesel oil, mud and hydrolysis. DNV approved.
<b>TECHNICAL DATA</b>	: TYPE Marine_MC
Standards	: DNV 827.11, IEC 60092-350, NEK TS 606, ABS 15-GD1369103-PDA
<b>Remarks</b>	: Extremely flexible, suitable for moving cable carriers and drag chains. Suitable for Uo/U 600/1000 V.
Conductor material	: Copper, tinned
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Copolymer, cross-linked (XPE)
Protective conductor	: Yes
Core identification	: Colour
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Model	: Round
Screen over stranding	: Braiding
Flame retardant	: In accordance with EN 60332-3-24
Material outer sheath	: Copolymer, cross-linked (XPE)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Low smoke (acc. BS EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Permitted cable outer temperature during assembling/handling	: -40°C to 125°C
Permitted cable outer temperature after assembling without vibration	: -50°C to 125°C
Max. conductor temperature	: 125°C
Nominal voltage U0	: 600V
No. bending cycles	: 1000000
Core protection	: No
Nominal voltage U	: 600V
Conductor surface	: Tinned
	: No



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Shape of conductor

: Round

: Round



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<b>ProductNr</b>	<b>Dimension</b>	<b>Outer diameter approx. (mm)</b>	<b>Bending radius (mm)</b>
2170403	3 x 0.75	6.3	32
2170404	4 x 0.75	6.7	34
2170603	3 x 1.5	7.5	37
2170604	4 x 1.5	8.1	40
2170607	7 x 1.5	10.1	50
2170702	2 x 2.5	8.2	41
2170704	4 x 2.5	9.4	47