

Power cable < 1 kV, for flexible applications Radox Marine_MC



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|--|--|
| Application | : 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. |
| TECHNICAL DATA | : TYPE Marine_MC |
| Standards | : DNV 827.11, IEC 60092-350, NEK TS 606, ABS 15-GD1369103-PDA |
| Remarks | : Extremely flexible, suitable for moving cable carriers and drag chains. Suitable for Uo/U 600/1000 V. |
| Conductor material | : Copper, tinned |
| Stranding element | : No |
| Conductor category | : Class 5 = flexible |
| Core insulation material | : Copolymer, cross-linked (XPE) |
| Protective conductor | : Yes |
| Core identification | : Colour |
| Inner sheath | : No |
| Screen over stranding element | : None |
| Screen | : No |
| Screen over stranding | : Braiding |
| Model | : Round |
| Colour outer sheath | : Black |
| Material outer sheath | : Copolymer, cross-linked (XPE) |
| Flame retardant | : In accordance with EN 60332-3-24 |
| 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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| ProductNr | Nominal cross sectional area of conductor (mm²) | Number of cores | Outer diameter approx. (mm) | Bending radius (mm) |
|------------------|---|------------------------|------------------------------------|----------------------------|
| 2170403 | 0.75 | 3 | 6.3 | 32 |
| 2170404 | 0.75 | 4 | 6.7 | 34 |
| 2170603 | 1.5 | 3 | 7.5 | 37 |
| 2170604 | 1.5 | 4 | 8.1 | 40 |
| 2170607 | 1.5 | 7 | 10.1 | 50 |
| 2170702 | 2.5 | 2 | 8.2 | 41 |
| 2170704 | 2.5 | 4 | 9.4 | 47 |