

Rubber Cable - Single Core

(H)07RN-F

Rubber, power and control cable

Construction:

Class 5 tinned copper conductors, colour or number coded ethylene-propylene rubber insulating material, flame-retardant, UV, ozone and oil-resistant black rubber sheath, metre marked.

Minimum Bending Radius:

Flexing: 4 x cable diameter (up to 12mm Ø)
5 x cable diameter (12-20mm Ø)
6 x cable diameter (over 20mm Ø)
Fixed: 3 x cable diameter (up to 12mm Ø)
4 x cable diameter (over 12mm Ø)

Temperature Range:

-40°C to +90°C

Nominal Voltage:

0.6/1kV AC
0.9/1.5kV DC

Features:

- Submersible to 500 metres
- UV resistant
- Oil resistant
- Tinned conductors
- Saltwater resistant
- Chlorinated water resistant

Colour Coding:

Colour coding of power conductors comply to HD 308 , DIN VDE 0293-308.

- 2-core: Blue and brown
- 3-core: Blue, brown, green-yellow
- 4-core: Brown, black, grey, green-yellow
- 5-core: Blue, brown, black, grey
- Above 5-core: Black numbered cores with a green-yellow earth core



RALOS 600/1000V H07RN-F 1X50MM2 P/N RB1X50

1 - CORE

Part No.	Conductor Nominal Area	Insulation Thickness	Sheath Thickness	Outer Diameter	Approx. Weight
	mm	mm	mm	mm	kg/km
RB1X16	16	1.2	1.9	11.5	255
RB1X25	25	1.4	2.0	13.4	365
RB1X35	35	1.4	2.2	15.0	485
RB1X50	50	1.6	2.4	17.2	680
RB1X70	70	1.6	2.6	19.2	900
RB1X95	95	1.8	2.8	22.0	1160
RB1X120	120	1.8	3.0	24.0	1460
RB1X150	150	2.0	3.2	26.2	1800
RB1X185	185	2.2	3.4	29.2	2200
RB1X240	240	2.4	3.5	31.8	2830