

Rubber Cable - Multicore

(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 oilresistant 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.

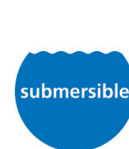
2-core: Blue and brown

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 4GX6MM2 P/N RB4G6 Y2025

Part No.	Conductor Nominal Area	Insulation Thick- ness	Sheath Thickness	Outer Diameter	Approx. Weight
	mm	mm	mm	mm	kg/km
RB2X1	1	0.8	1.3	8.3	90
RB2X1.5	1.5	0.8	1.5	9.2	115
RB2X2.5	2.5	0.9	1.7	11.0	165
RB2X4	4	1.0	1.8	12.6	230
RB2X6	6	1.0	2.0	14.2	300
RB3G1	1	0.8	1.4	9.0	110
RB3G1.5	1.5	0.8	1.6	10.0	140
RB3G2.5	2.5	0.9	1.8	12.0	200
RB3G4	4	1.0	1.9	13.5	280
RB3G6	6	1.0	2.1	15.5	375
RB3G10	10	1.2	3.3	20.8	675
RB3G16	16	1.2	3.5	23.5	950

Part No.	Conductor Nominal Area	Insulation Thickness	Sheath Thickness	Outer Diameter	Approx. Weight
	mm	mm	mm	mm	kg/km
RB4G1	1	0.8	1.5	10.0	135
RB4G1.5	1.5	0.8	1.7	11.0	170
RB4G2.5	2.5	0.9	1.9	13.0	250
RB4G4	4	1.0	2.0	15.0	350
RB4G6	6	1.0	2.3	17.1	470
RB4G10	10	1.2	3.4	22.8	830
RB4G16	16	1.2	3.6	25.5	1170
RB4G25	25	1.4	4.1	30.7	1700
RB4G35	35	1.4	4.4	34.0	2300
RB4G50	50	1.6	4.8	39.6	3160
RB4G70	70	1.6	5.2	44.7	4200
RB4G95	95	1.8	5.9	51.5	5450
RB4G120	120	1.8	6.0	55.3	6770
RB4G150	150	2.0	6.5	61.5	8050
RB4G185	185	2.2	7.0	68.0	9860
RB5G1.5	1.5	0.8	1.8	12.4	205
RB5G2.5	2.5	0.9	2.0	14.5	300
RB5G4	4	1.0	2.2	16.8	420
RB5G6	6	1.0	2.5	19.0	580
RB5G10	10	1.2	3.6	25.0	1120
RB5G16	16	1.2	3.9	28.6	1440
RB5G25	25	1.4	4.4	34.0	2120
RB5G35	35	1.4	4.6	37.8	2750
RB5G50	50	1.6	5.2	44.8	3820
RB5G70	70	1.6	5.7	50.0	5370
RB5G95	95	1.8	6.3	57.2	6930
RB5G120	120	1.8	6.3	64.0	8500
RB7G1.5	1.5	0.8	2.6	14.8	325
RB7G2.5	2.5	0.89	2.8	17.2	450
RB12G1.5	1.5	0.8	2.9	18.9	485
RB12G2.5	2.5	0.9	3.1	22.0	695
RB18G1.5	1.5	0.8	3.2	22.2	690