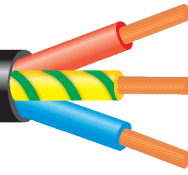


## ALVERN CABLES - HO7RN-F



### Construction

Plain copper wire stranding insulated with EPR rubber and sheathed with polychlorophene. The cores are colour coded according to International harmonized codes.

### Applications

For use on ships, in docks & harbours, factory's and different types of industrial purposes. This product is also most suitable for domestic use and is RoHS compliant. Insulation & sheath are resistant to water, lubrication oils, dilute acids and abrasion.

### Specification

Voltage Rating	450/750 Volts
Test Voltage	1000 Volts
Temperature Range	-25° to +60°C
Flexibility Class	4 & 5
Conductor Type	High conductivity annealed copper
Insulation Material	Flexible grade PVC
Sheath Material	PVC/Rubber Blend Nitrile
Sheath Colour	Orange
Core Colours	Blue, Red, Grey, Black
Bending Radius	4 x Diameter of cable

### Packaging

Available in 500 metre drums. Cut lengths are also available on request.

### TECHNICAL DATA

Nominal Size mm <sup>2</sup>	Max. Diameter of wires mm	Insulation Thickness mm	Sheath Thickness mm	Outer Diameter mm	Max. cond. resist. at 20°C Ohm/km	Cable Weight kg/km
1Gx1.5	0.26	0.8	1.4	5.9	13.3	55
1Gx2.5	0.26	0.9	1.4	6.6	7.98	70
1Gx4	0.31	1.0	1.5	7.5	4.95	95
1Gx6	0.31	1.0	1.6	8.3	3.30	120
1Gx10	0.41	1.2	1.8	10.0	1.91	195
1Gx16	0.41	1.2	1.9	11.1	1.21	265
1Gx25	0.41	1.4	2.0	12.9	0.780	385
1Gx35	0.41	1.4	2.2	14.5	0.554	510
1Gx50	0.41	1.6	2.4	16.8	0.382	685
1Gx70	0.51	1.6	2.6	19.1	0.272	940
1Gx95	0.51	1.8	2.8	21.3	0.206	1245
1Gx120	0.51	1.8	3.0	23.4	0.161	1535
1Gx150	0.51	2.0	3.2	25.7	0.129	1880
1Gx185	0.51	2.2	3.4	28.1	0.106	2315