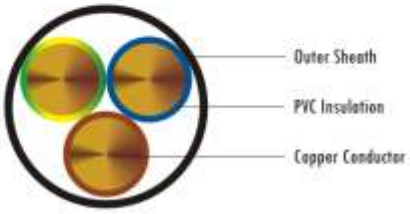
Rubber Cables

As per BS : 7919

TYPE : HO7RN-F

Application

These cables are designed to provide high flexibility and have the capacity to withstand weather, oils/greases, mechanical and thermal stresses. Applications include handling equipment, mobile power supplies, worksites, stage and audio visual equipment, port areas and dams. Also for use in drainage and water treatment, cold environments and severe industrial environments.



Standards : BS7919, CENELEC HD22.4 S4
Conductor : Class 5 flexible plain copper to BS EN 60228:2005 (previously Bs6360)
Insulation : EPR (Ethylene Propylene Rubber) Type EI4 to Bs7655
Sheath : PCP (Polychloroprene) Type EM2to Bs7655
Sheath Colour : Black
Voltage Rating : 450/750V
Temperature Rating : Conductor operating temperature-30°C to +60°C (85°C max)
Minimum Bending Radius : Up to 25mm2: 6 x overall diameter Above 25mm2: 8 x overall diameter
Core Identification : 2 Cores: Blue, Brown; 3 Cores: Green/Yellow, Blue, Brown; 4 Cores: Green/Yellow, Brown, Black, Grey; 5 Cores: Green/Yellow, Blue, Brown, Black, Grey; 6 Cores and above: Black with White numerals, Green/Yellow

HO7RN-F / OFR Heavy Duty Trailing Flexible

Flexible annealed copper conductors, Rubber insulated/Rubber OFR sheathed, 450 / 750 volts grade to BS7919. Oil resistant and flame retardant. Harmonised Code: HO7RN-F up to 12 cores (Non Harmonised).

Production Range

3C / 4C upto 120 sq.mm
5C upto 25 sq. mm
1.5/2.5 sq mm also in 18/24/36C
6C/12C/18C upto 4 sq. mm.

Number of Cores x Cross sectional area of Conductors (mm^2)	Class of Conductor	Maximum Resistance of Conductor @20°C Ω/km	Insulation Thickness mm	Mean Overall Diameter mm	Approx Nett Weight kg/km
3x1	5	19.50	0.84	10	134
3x1.5	5	13.30	0.86	11	162
3x2.5	5	7.98	0.96	13	229
3x4	5	4.95	1.07	15	329
3x6	5	3.30	1.17	18	452
4x1	5	19.50	0.84	11	163
4x1.5	5	13.30	0.86	12	197
4x2.5	5	7.98	0.96	14	279
4x4	5	4.95	1.07	16	402
4x6	5	3.30	1.17	20	561
5x1.5	5	13.30	0.86	13	234
5x2.5	5	7.98	0.96	15	348
6x1.5	5	19.50	0.84	16	329
6x2.5	5	13.30	0.86	18	461