



Doncaster Cables

H07RN-F

Thermosetting Rubber Insulated & Sheathed Flexibles




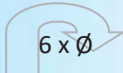



Manufactured to BS EN 50525-2-21:2011

Annealed Flexible Copper Conductor / EPR Rubber Insulated / Elastomer Rubber (Type EM2) Sheathed. 450/750V

Conductor :	Annealed Copper Class 5/6 Flexible to BS EN 60228
Insulation:	EPR Rubber Compound
Sheathing:	Thermosetting Rubber Type EM2

These cables are designed to provide high flexibility and have the capacity to withstand harsh weather conditions, oil and greases, mechanical and thermal stress - therefore these cables are well suited for use in harsh industrial conditions.

Applications include handling equipment, mobile power supplies, worksites, stage and audio visual equipment and also port and dam areas. Due to the cables suitability for submersion under water it is also used for drainage and water treatment as well as electric motors and pumps in underwater conditions.

STANDARD CORE COLOURS	MINIMUM OPERATING TEMPERATURE	MAXIMUM OPERATING TEMPERATURE	MINIMUM BENDING RADIUS
2 CORE 			
3 CORE 			
4 CORE 			
5 CORE 			



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Thermosetting Rubber Insulated & Sheathed Flexibles

Reference Number	Harmonisation Code	Nominal Cross Sectional Area of Conductor	Nominal Stranding of Conductor (mm)	Nominal Radial Thickness of insulation (mm)	Nominal Radial Thickness of sheath (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approximate Weight (kg/km)
HO7RNF6.01C	HO7RN-F	6.0	84/0.3	1.0	1.6	7.9	9.8	130
HO7RNF7101C	HO7RN-F	10.0	80/0.4	1.2	1.8	9.5	11.9	190
HO7RNF7161C	HO7RN-F	16.0	126/0.4	1.2	1.9	10.8	13.4	259
HO7RNF7251C	HO7RN-F	25.0	196/0.4	1.4	2.0	12.7	15.8	396
HO7RNF7351C	HO7RN-F	35.0	276/0.4	1.4	2.2	14.3	17.9	520
HO7RNF7501C	HO7RN-F	50.0	396/0.4	1.6	2.4	16.5	20.6	719
HO7RNF7701C	HO7RN-F	70.0	360/0.5	1.6	2.6	18.6	23.3	947
HO7RNF7951C	HO7RN-F	95.0	475/0.5	1.8	2.8	20.8	26.0	1230
HO7RNF81201C	HO7RN-F	120.0	608/0.5	1.8	3.0	22.8	28.6	1445
HO7RNF81501C	HO7RN-F	150.0	756/0.5	2.0	3.2	25.2	31.4	1887
HO7RNF81851C	HO7RN-F	185.0	925/0.5	2.2	3.4	27.6	34.4	2274
HO7RNF82401C	HO7RN-F	240.0	1221/0.5	2.4	3.5	30.6	38.3	2955
HO7RNF1.02C	HO7RN-F	1.0	32/0.2	0.8	1.3	7.7	10.0	99
HO7RNF1.52C	HO7RN-F	1.5	30/0.25	0.8	1.5	8.5	11.0	130
HO7RNF2.52C	HO7RN-F	2.5	50/0.25	0.9	1.7	10.2	13.1	195
HO7RNF4.02C	HO7RN-F	4.0	56/0.3	1.0	1.8	11.8	15.1	280
HO7RNF6.02C	HO7RN-F	6.0	84/0.3	1.0	2.0	13.1	16.8	360
HO7RNF1.03C	HO7RN-F	1.0	32/0.2	0.8	1.4	8.3	10.7	125
HO7RNF1.53C	HO7RN-F	1.5	30/0.25	0.8	1.6	9.2	11.9	155
HO7RNF2.53C	HO7RN-F	2.5	50/0.25	0.9	1.8	10.9	14.0	235
HO7RNF4.03C	HO7RN-F	4.0	56/0.3	1.0	1.9	12.7	16.2	305
HO7RNF6.03C	HO7RN-F	6.0	84/0.3	1.0	2.1	14.1	18.0	495
HO7RNF7103C	HO7RN-F	10.0	80/0.4	1.2	3.3	19.1	24.2	810
HO7RNF7163C	HO7RN-F	16.0	126/0.4	1.2	3.5	21.8	27.6	1000
HO7RNF7253C	HO7RN-F	25.0	196/0.4	1.4	3.8	26.1	33.0	1250
HO7RNF7353C	HO7RN-F	35.0	276/0.4	1.4	4.1	29.3	37.1	1850

Weight and dimensional information is provided as an approximate guide only.



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EPR Insulated and PCP Sheathed Flexible Cords

Reference Number	Harmonisation Code	Nominal Cross Sectional Area of Conductor	Nominal Stranding of Conductor (mm)	Nominal Radial Thickness of insulation (mm)	Nominal Radial Thickness of sheath (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approximate Weight (kg/km)
HO7RNF1.54C	HO7RN-F	1.5	30/0.25	0.8	1.7	10.2	13.1	190
HO7RNF2.54C	HO7RN-F	2.5	50/0.25	0.9	1.9	12.1	15.5	280
HO7RNF4.04C	HO7RN-F	4.0	56/0.3	1.0	2.0	14.0	17.9	380
HO7RNF6.04C	HO7RN-F	6.0	84/0.3	1.0	2.3	15.7	20.0	510
HO7RNF7104C	HO7RN-F	10.0	80/0.4	1.2	3.4	20.9	26.5	940
HO7RNF7164C	HO7RN-F	16.0	126/0.4	1.2	3.6	23.8	30.1	1250
HO7RNF7254C	HO7RN-F	25.0	196/0.4	1.4	4.1	28.9	36.6	1850
HO7RNF7354C	HO7RN-F	35.0	276/0.4	1.4	4.4	32.5	41.1	2310
HO7RNF7504C	HO7RN-F	50.0	396/0.4	1.6	4.8	37.7	47.5	3160
HO7RNF7704C	HO7RN-F	70.0	360/0.5	1.6	5.2	42.7	54.0	4250
HO7RNF1.55C	HO7RN-F	1.5	30/0.25	0.8	1.8	11.2	14.4	230
HO7RNF2.55C	HO7RN-F	2.5	50/0.25	0.9	2.0	13.3	17.0	340
HO7RNF4.05C	HO7RN-F	4.0	56/0.3	1.0	2.2	15.6	19.9	470
HO7RNF6.05C	HO7RN-F	6.0	84/0.3	1.0	2.5	17.5	22.2	630
HO7RNF7105C	HO7RN-F	10.0	80/0.4	1.2	3.6	22.9	29.1	1150
HO7RNF7165C	HO7RN-F	16.0	126/0.4	1.2	3.9	26.4	33.3	1540
HO7RNF7255C	HO7RN-F	25.0	196/0.4	1.4	4.4	32.0	40.4	2200
HO7RNF7355C	HO7RN-F	35.0	276/0.4	1.4	4.6	35.7	45.1	2700
HO7RNF1.57C	HO7RN-F	0.8	30/0.25	0.8	2.6	14.7	18.7	320
HO7RNF2.57C	HO7RN-F	0.9	50/0.25	0.8	2.8	17.1	21.8	470
HO7RNF1.512C	HO7RN-F	0.8	30/0.25	0.8	2.9	17.6	22.4	450

Weight and dimensional information is provided as an approximate guide only.