

638TQ HOFR Trailing Flexible Cable H07BN4-F

Applications:	638TQ, H07BN4-F harmonised rubber cable with high temperature resistant sheath. Flexible rubber cable with high temperature resistance suitable for most industrial applications. Suitable for domestic premises for use in hot situations eg immersion heaters
Conductors:	Class 5 tinned flexible copper
Insulation:	EPR (Ethylene propylene rubber)
Core identification:	2 core: Blue & brown, 3 core: Blue, brown & green/yellow, 4 core: Black, brown, grey & green/yellow, 5 core: Black, blue, brown, grey & green/yellow, 6 cores and above are numbered
Sheath/Jacket:	CSP (Chlorosulphonated polyethylene) more commonly referred to as HOFR (Heat & oil resistant & flame retardant)
Colour:	Black
Voltage:	450/750v
Operating temperature:	Maximum 90°C, minimum bending -20°C
Minimum bending radius:	6 x overall diameter for cables not exceeding 25mm O/D 8 x overall diameter for cables exceeding 25mm O/D
Standards:	BS6500: electrical cables for use with appliances and equipment intended for domestic, office and similar environments & BS7919: Electric cables. Flexible cables rated up to 450/750V for use with appliances and equipment intended for industrial and similar environments. ** Generally in accordance with BS6500. Heat and oil resistant.



Size sq.mm	Number of cores	RT of insulation mm	Nom diameter over laid up cores mm	Nom overall diameter mm	Weight kg/km	BATT Part no
4	1	1.0	4.7	7.8	105	22094
6	1	1.0	5.7	9.0	130	22095
10	1	1.2	7.1	10.8	200	22096
16	1	1.2	8.2	12.1	275	22097
25	1	1.4	10.0	14.1	400	22100
35	1	1.4	11.4	15.9	520	22103
50	1	1.6	13.6	18.5	730	22104
70	1	1.6	15.7	21.0	980	22106
95	1	1.8	18.2	23.9	1270	22108
120	1	1.8	19.7	25.8	1570	22110
150	1	2.0	22.1	28.6	1960	22111
185	1	2.2	24.5	31.5	2380	22112
240	1	2.4	27.9	35.1	3100	22113
300	1	2.6	31.2	38.7	3790	22115
400	1	2.8	35.7	43.5	4880	22117
500	1	3.0	39.6	47.8	6070	22118
630	1	3.0	43.1	51.5	7460	22120
4	2	1.0	9.5	13.2	275	22156
6	2	1.0	11.5	15.6	370	22158
10	2	1.2	14.3	20.6	690	22159
16	2	1.2	16.5	23.3	910	22160
25	2	1.4	20.1	27.4	1290	22162
4	3	1.0	10.2	14.1	335	22207
6	3	1.0	12.3	16.6	450	22212
10	3	1.2	15.4	22.1	835	22213
16	3	1.2	17.7	24.8	1120	22216

Size sq.mm	Number of cores	RT of insulation mm	Nom diameter over laid up cores mm	Nom overall diameter mm	Weight kg/km	BATT Part no
25	3	1.4	21.6	29.3	1600	22217
35	3	1.4	24.6	32.9	2080	22219
50	3	1.6	29.4	38.5	2890	22221
70	3	1.6	33.6	43.6	3850	22222
95	3	1.8	39.3	50.0	6390	22223
120	3	1.8	42.5	53.9	7750	22224
150	3	2.0	47.7	59.9	9780	22000
185	3	2.2	52.9	65.9	11900	22202
240	3	2.4	60.3	74.7	15330	22203
300	3	2.6	67.6	83.2	19030	22205
4	4	1.0	11.4	15.5	420	22180
6	4	1.0	13.8	18.5	565	22414
10	4	1.2	17.2	24.1	1020	22426
16	4	1.2	19.8	27.1	1380	22352
25	4	1.4	24.2	32.5	2140	22185
35	4	1.4	27.6	36.5	2610	22232
50	4	1.6	32.9	42.6	3650	22397
70	4	1.6	38.0	48.6	4880	22386
95	4	1.8	44.0	56.0	6390	22442
120	4	1.8	47.7	59.9	7750	22363
150	4	2.0	53.6	66.8	9780	22415
185	4	2.2	59.3	73.5	11900	22417
240	4	2.4	67.6	83.2	15330	-
300	4	2.6	75.8	92.8	19030	-
4	5	1.0	12.7	17.2	515	22390
6	5	1.0	15.4	20.5	690	22204
10	5	1.2	19.2	26.5	1240	22458
16	5	1.4	22.2	30.1	1695	22194
25	5	1.4	27.1	36.1	2470	22290
**35	5	1.6	30.9	40.5	3187	22418
**50	5	1.6	36.9	47.3	4450	22429
**70	5	1.8	42.6	54.0	5938	22001
**95	5	1.8	49.4	62.0	7924	22382
4	6	1.0	14.2	19.6	643	22306
6	6	1.0	17.2	23.4	917	22307
10	6	1.2	21.4	28.8	1420	22187
16	6	1.2	24.7	32.7	1973	22192
25	6	1.4	30.2	39.2	2921	22196
35	6	1.4	34.4	44.0	3822	22197
50	6	1.6	41.0	51.8	5337	22200
4	7	1.0	15.8	21.6	773	22122
6	7	1.0	19.1	25.7	1089	22313
10	7	1.2	23.8	31.6	1706	22315
16	7	1.2	27.5	35.7	2330	22193
25	7	1.4	33.6	43.2	3560	22317
35	7	1.4	38.3	48.5	4576	22318
50	7	1.6	45.8	57.4	6436	-
4	8	1.0	17.3	23.5	908	22330
4	10	1.0	18.9	25.3	1073	22336
4	12	1.0	19.6	26.2	1183	22346
4	16	1.0	22.1	29.3	1505	22357
4	18	1.0	23.6	31.0	1687	22359
4	20	1.0	25.2	33.0	1902	-