



## 318TQ HOFR Trailing Flexible Cable H05BN4-F

<b>Applications:</b>	Flexible cable suitable for domestic and office environments. For use in hot situations for example immersion heaters.
<b>Conductors:</b>	Class 5 flexible tinned copper
<b>Insulation:</b>	EPR (Ethylene propylene rubber)
<b>Core identification:</b>	Single core: Black 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
<b>Sheath/Jacket:</b>	CSP (Chlorosulphonated polyethylene) more commonly referred to as HOFR (Heat & oil resistant & flame retardant)
<b>Colour:</b>	Black or white
<b>Voltage:</b>	300/500v
<b>Operating temperature:</b>	Maximum 85°C, minimum bending -20°C
<b>Minimum bending radius:</b>	Cables not exceeding 25mm O/D: 6 x overall diameter Cables exceeding 25mm O/D@ 8 C overall diameter
<b>Standards:</b>	BS6500: flexible electric cables for use with appliances and equipment intended for domestic, office and similar environments BS7919: flexible electric cables for use with appliances and equipment intended for industrial and similar environments References: 318TQ & H05BN4-F



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 White	BATT Part no Black
0.5	1	0.6	2.2	3.8	19	22153	22154
0.75	1	0.6	2.4	4.0	23	22086	22141
1.0	1	0.6	2.6	4.2	28	22087	22142
1.5	1	0.8	3.3	4.9	38	22088	22150
2.5	1	0.9	3.9	5.5	41	22152	22038
0.5	2	0.6	4.4	6.1	53	22129	22132
0.75	2	0.6	4.8	6.5	63	22134	22164
1.0	2	0.6	5.2	7.1	77	22140	22139
1.5	2	0.8	6.6	8.7	115	22144	22033
2.5	2	0.9	7.8	10.1	165	22147	22148
0.5	3	0.6	4.8	6.5	62	22168	22167
0.75	3	0.6	5.2	7.1	78	22178	22176
1.0	3	0.6	5.7	7.6	90	22182	22184
1.5	3	0.8	7.2	9.3	135	22191	22190
2.5	3	0.9	8.5	10.8	195	22198	22201
0.75	4	0.6	5.8	7.7	94	22273	22380
1.0	4	0.6	6.3	8.2	110	22371	22428
1.5	4	0.8	8.0	10.3	170	22109	22401
2.5	4	0.9	9.5	12.0	245	22407	22408
0.75	5	0.6	6.5	8.6	110	22101	22421
1.0	5	0.6	7.1	9.2	130	-	22430
1.5	5	0.8	9.0	11.5	195	-	22412
2.5	5	0.9	10.6	13.1	290	-	22413
0.75	6	0.6	7.3	9.6	135	-	-

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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 White	BATT Part no Black
1.0	6	0.6	7.9	10.2	171	-	-
1.5	6	0.8	10.0	12.7	235	-	-
2.5	6	0.9	11.8	14.7	340	-	-
0.75	7	0.6	8.1	10.4	170	-	22165
1.0	7	0.6	8.8	11.1	201	-	22166
1.5	7	0.8	11.1	13.6	366	-	22310
2.5	7	0.9	13.1	15.8	424	-	22169
0.75	8	0.6	8.8	11.3	175	-	22321
1.0	8	0.6	9.6	12.3	244	-	22170
1.5	8	0.8	12.1	15.2	315	-	22324
2.5	8	0.9	14.3	17.8	465	-	22328
0.75	10	0.6	9.7	12.4	215	-	22332
1.0	10	0.6	10.5	13.2	286	-	22172
1.5	10	0.8	13.3	16.6	360	-	22333
2.5	10	0.9	15.7	19.4	530	-	22334
0.75	12	0.6	10.0	12.7	245	-	22339
1.0	12	0.6	10.9	13.8	318	-	22047
1.5	12	0.8	13.8	17.1	410	-	22342
2.5	12	0.9	16.3	20.0	600	-	22343
0.75	16	0.6	11.3	14.2	310	-	-
1.0	16	0.6	12.3	15.4	403	-	22173
1.5	16	0.8	15.6	19.3	570	-	22351
2.5	16	0.9	18.4	22.5	780	-	22354
0.75	20	0.6	12.9	16.0	380	-	22364
1.0	20	0.6	14.0	17.3	507	-	22177
1.5	20	0.8	17.7	21.8	710	-	22365
2.5	20	0.9	20.9	25.4	1050	-	22366
0.75	25	0.6	14.5	18.0	471	-	22369
1.0	25	0.6	15.7	19.4	571	-	22179
1.5	25	0.8	19.9	24.2	830	-	22370
2.5	25	0.9	23.5	28.9	1280	-	22372
0.75	30	0.6	15.5	19.2	554	-	22373
1.0	30	0.6	16.7	20.6	671	-	22183
1.5	30	0.8	21.2	25.7	1010	-	22374
2.5	30	0.9	25.1	30.4	1490	-	22375
0.75	40	0.6	17.7	21.1	719	-	22186
1.5	40	0.6	24.3	29.4	1370	-	22376