



## 680TQ Cable Heat resisting multicore screened flexible

<b>Conductors:</b>	Annealed flexible copper, class 5
<b>Insulation:</b>	EPR (Ethylene Propylene rubber)
<b>Core identification:</b>	2 core: Blue & brown 3 core: Blue, brown & green/yellow 4 core: Black, blue, brown & green/yellow 5 core: Black, blue brown, grey & green/yellow 6 core and above: White insulation with black numerals
<b>Bedding:</b>	CSP (Chlorosulphonated Polyethylene) more commonly known as HOFR (heat & oil resistant & flame retardent)
<b>Screen:</b>	TCWB (Tinned copper wire braid)
<b>Sheath/Jacket:</b>	CSP (Chlorosulphonated Polyethylene) more commonly known as HOFR (heat & oil resistant & flame retardant)
<b>Colour:</b>	Black
<b>Voltage:</b>	450/750v
<b>Operating temperature:</b>	Maximum 85°C, Minimum bending -20°C
<b>Min. bending radius:</b>	Below 25mm: 8 x overall diameter Over 25mm: 10 x overall diameter
<b>Standards:</b>	BS6007:single core unsheathed heat resisting cables for electrical power, lighting and internal wiring



Size sq.mm	No of cores	RT of insulation	Diameter over laid up cores mm	Diameter over bedding mm	Diameter over braid mm	Nominal overall diameter mm	Weight	BATT Part No
4	2	1.0	9.4	13.5	14.5	19.8	578	82009
4	3	1.0	10.2	14.6	15.6	21.3	684	82016
6	3	1.0	12.3	17.1	18.6	24.8	955	82017
10	3	1.2	15.3	21.5	23.0	30.7	1450	82018
16	3	1.2	17.7	24.3	25.8	33.8	1840	82083
25	3	1.4	21.6	28.8	30.8	39.6	2620	82020
4	4	1.0	11.4	16.0	17.5	23.6	874	82037
6	4	1.0	13.8	19.0	20.5	27.1	1147	82038
10	4	1.2	17.2	23.8	25.3	33.3	1730	82116
16	4	1.2	19.8	26.8	28.6	37.2	2310	82115
25	4	1.4	24.2	31.8	33.8	43.2	3170	82113
35	4	1.4	27.7	35.9	37.9	47.9	3990	82040
50	4	1.4	32.9	42.1	44.1	55.1	5320	82040
6	5	-	-	-	-	-	-	82111
10	5	-	-	-	-	-	-	82051
16	5	-	-	-	-	-	-	85052