

318TQ Cable

Application

Flexible chords suitable for domestic use.

Technical Information

Conductor:	Class 5 - flexible tinned annealed copper conductors
Insulation:	EPR (Ethylene Propylene Rubber)
Outer Sheath:	CSP (Chlorosulphonated Polyethylene)
Sheath Colour:	Black or white
HOFR:	Heat and oil resistant • Flame retardant
Voltage Rating:	300/500V grade to BS6500 (where applicable)
Operating Temperature:	Maximum: 85°C • Minimum Flexing: -20°C
Minimum Bending Radius:	6 x Ø for cables not exceeding 25mm 8 x Ø for cables exceeding 25mm
Standards:	BS 6500: flexible electric cables for use with appliances and equipment intended for domestic, office and similar environments BS 7919: flexible electric cables for use with appliances and equipment intended for industrial and similar environments.

Conductor Identification

Single Core:	Black
Two Core:	Brown and blue
Three Core:	Brown, blue and green/yellow
Four Core:	Brown, grey, black and green/yellow
Five Core:	Brown, blue, black, grey and green/yellow
Six Core and Above:	White insulation with black numerals

Size mm ²	Nominal overall diameter mm	Weight kg/km
Single Core 3181TQ		
0.5	3.8	19
0.75	4.0	23
1.0	4.2	28
1.5	4.9	38
2.5	5.5	41
4	6.3	73
2 Core 3182TQ		
0.5	6.1	59
0.75	6.5	66
1.0	7.1	79
1.5	8.7	120
2.5	10.1	170
4	11.9	235
3 Core 3183TQ		
0.5	6.5	65
0.75	7.1	80
1.0	7.6	94
1.5	9.3	140



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Size mm ²	Nominal overall diameter mm	Weight kg/km
3 Core 3183TQ		
2.5	10.8	200
4	12.7	285
4 Core 3184TQ		
0.75	7.7	96
1.0	8.2	113
1.5	10.3	174
2.5	12.0	252
4	14.1	355
5 Core 3185TQ		
0.75	8.6	115
1.0	9.2	140
1.5	11.5	195
2.5	13.1	290
4	15.4	417
6 Core 3186TQ		
0.75	9.6	135
1.0	10.2	171
1.5	12.7	235
2.5	14.7	340
7 Core 3187TQ		
0.75	10.4	170
1.0	11.1	201
1.5	13.6	366
2.5	15.8	424
8 Core 3188TQ		
0.75	11.3	175
1.0	12.3	244
1.5	15.2	315
2.5	17.8	465
9 Core 3189TQ		
0.75	12.4	201
1.0	13.2	268
1.5	16.6	333
2.5	19.4	490
10 Core 31810TQ		
0.75	12.4	215
1.0	13.2	286
1.5	16.6	360
2.5	19.4	530

For current ratings refer to IEE Regulations tables 4F1 and 4F2 to 4F3 on pages 122 to 128.