

PVC Insulated & Sheathed Twin Core Flat Cables

As per BS : 6004

Mechanical Properties

High Tensile Strength : >1200 N
 Bending Radius : >8 x D
 High Compression Resistance : >1000 N
 Stability over temperature range of -20°C to +70°C

Physical/Dimensional Parameters (Flat)

Nominal Conductor Area (mm ²)	Nominal Conductor Stranding (#/mm)	Average Insulation Thickness (mm)	Average Sheath Thickness (mm)	Maximum O/D (mm)	Approx. Cable Weight (Kg/Km)
Without Earth Conductor					
2 x 1.5	1/1.38	0.7	0.9	4.9 x 7.8	72
2 x 2.5	1/1.78	0.8	1	5.3 x 8.4	97
2 x 4	7/0.85	0.8	1	6.6 x 10.9	150
2 x 6	7/1.04	0.8	1.1	7.3 x 12.3	207
With Earth Conductor					
2 x 1.5 + 1	1/1.38	0.7	0.9	4.9 x 8.3	83
2 x 2.5 + 1	1/1.78	0.8	1	5.3 x 9.6	115
2 x 4 + 1.5	7/0.85	0.8	1	6.6 x 12.8	177
2 x 6 + 2.5	7/1.04	0.8	1.1	7.3 x 14.0	233

