

## 6242Y FLAT TWIN & EARTH

Plain annealed copper conductors, 2 cores PVC insulated laid parallel and separated by a bare copper earth continuity conductor/PVC sheathed flat. 300/500 volts grade to BS6004.

SIZE SQ.MM	CLASS OF CONDUCTOR	DIAMETER OVER CONDUCTOR MM	RT OF INSULATION MM	DIAMETER OVER CORE MM	SIZE ECC CONDUCTOR SQ.MM	DIAMETER OVER LAID UP CORES MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM
1.0	1	1.13	0.6	2.3	1.0	2.3 x 5.8	4.1 x 7.6	70
1.5	1	1.38	0.7	2.8	1.0	2.8 x 6.8	4.6 x 8.6	85
1.5	2	1.59	0.7	3.0	1.0	3.0 x 7.2	4.8 x 9.0	90
2.5	1	1.78	0.8	3.4	1.5	3.4 x 8.2	5.4 x 10.2	120
2.5	2	2.01	0.8	3.7	1.5	3.7 x 8.9	5.7 x 10.9	125
4	2	2.55	0.8	4.2	1.5	4.2 x 9.8	6.2 x 11.8	175
6	2	3.12	0.8	4.7	2.5	4.7 x 11.2	6.9 x 13.4	240
10	2	4.05	1.0	6.1	4.0	6.1 x 14.8	8.5 x 17.2	390
16	2	4.80	1.0	6.8	6.0	6.8 x 16.8	9.4 x 19.4	560

**Conductor stranding:** Class 1 - circular solid.  
Class 2 - stranded circular or circular compacted.

**Operating temperature:** Maximum 70°C, Minimum bending 0 °C.

**Minimum bending radius:** (Based upon the larger dimension).

Diameter up to 10mm 3 x overall diameter.  
Diameter 10m to 25mm 4 x overall diameter.

**Conductor identification:** Red, Black and Bare (earth)

