

## 6242 LSF FLAT TWIN & EARTH

Plain annealed copper conductors, 2 cores XLPE insulated laid parallel and separated by a bare copper earth continuity conductor/LSOH sheathed flat. 300/500 volts grade to BS7211.

Sheath Colour: Light Grey

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 CORES MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM
1.0	1	1.13	0.7	2.6	1.0	2.6 x 6.4	4.4 x 8.0	75
1.5	1	1.38	0.7	2.8	1.0	2.8 x 6.8	4.6 x 8.4	85
2.5	1	1.78	0.7	3.2	1.5	3.2 x 8.1	5.2 x 9.9	120
4	2	2.55	0.7	4.0	1.5	4.0 x 9.7	6.0 x 11.5	170
6	2	3.12	0.7	4.5	2.5	4.5 x 11.5	6.5 x 13.5	230
10	2						7.9 x 15.9	
16	2							

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

**Operating temperature:** Maximum 90°C, Minimum bending -15 °C.

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

**Minimum bending radius:** 4 x overall diameter

\* as shown in the part number table above denotes a solid (Class 1) conductor

**Insulation properties:**

Low smoke and HCL maximum 0.5% in acc BS6425: PT1.

Fire resistant in acc BSEN50266-1:2001 (previously BS4066: PT1)

