

XLPE/LSF/SWA/LSF (COPPER) BS6724 (Continued)

Plain annealed copper conductor, XLPE insulated/LSF extruded bedded/Steel Wire armoured/LSF sheathed. 600/1000 volts grade to BS6724. (As far as applicable).

NINETEEN CORE: REF 694/16 XWL

SIZE SQ.MM	CLASS OF CONDUCTOR	RT OF BEDDING MM	DIAMETER OVER BEDDING MM	DIAMETER OF ARMOUR WIRE MM	DIAMETER OVER ARMOUR MM	APPROX OVERALL DIAMETER MM	WEIGHT KG/KM
1.5	2	1.0	17.3	1.25	19.9	22.2	1120
2.5	2	1.0	19.3	1.6	22.6	26.1	1570
4	2	1.0	22.3	1.6	25.6	29.3	2050

TWENTY TWO CORE : REF 694/22 XWL

1.5	2	1.0	20.3	1.6	23.6	26.1	1560
2.5	2	1.0	22.7	1.6	26.0	29.7	1930
4	2	1.0	26.3	1.6	29.6	33.5	2530

TWENTY SEVEN CORE : REF 694/27 XWL

1.5	2	1.0	20.7	1.6	24.0	26.7	1630
2.5	2	1.0	23.2	1.6	26.5	30.2	2050
4	2	1.0	26.9	1.6	30.2	34.4	2740

THIRTY CORE : REF 694/30 XWL

1.5	2	1.0	21.5	1.6	24.8	28.5	1730
2.5	2	1.0	24.1	1.6	27.4	31.3	2200

THIRTY SEVEN : REF 694/37 XWL

1.5	2	1.0	23.3	1.6	26.6	29.2	1970
2.5	2	1.0	26.1	1.6	29.4	33.8	2540

FORTY CORE: REF 694/40 XWL

1.5	2	1.0	24.3	1.6	27.6	31.5	2080
2.5	2	1.0	27.7	1.6	31.8	35.9	2970

FORTY EIGHT : REF 694/48 XWL

1.5	2	1.0	26.7	1.6	30.0	33.9	2390
2.5	2	1.0	30.4	2.0	34.5	38.8	3430

Operating temperature: Maximum 90°C.
Minimum bending -20°C

Minimum bending radius:
1.5 sq.mm - 16 sq.mm - 6 x overall diameter
25 sq.mm and above - 8 x overall diameter

Conductor identification:
Two Core - Red & Black
Three Core - Red, Yellow & Blue
Four Core - Red, Yellow, Blue & Black
Five Core & above - Numbered cores.

Combustion characteristics: HCL emission 0.5% in accordance with BS6425 Part 1, Low Smoke classification based on 3 metre cube test.

Complete cables comply with the requirements of fire test

BS4066 Part 3.

Insulation thickness: Refer to Two core (6942XWL) for dimensions.

Conductor Stranding: Class 2 stranded copper:
2 circular or circular compacted conductors.
2* shaped or circular conductors or circular compacted conductors.
2S shaped conductors.
(Dimensions and weights based on circular.)

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