

XLPE/LSF/SWA/LSF (COPPER) BS6724

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

FIVE CORE: REF 6945 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	0.8	9.9	0.9	11.8	14.2	433
2.5	2	0.8	11.0	0.9	12.9	16.0	530
4	2	0.8	12.7	1.25	15.3	18.4	775
6	2	0.8	14.0	1.25	16.6	19.7	929
10	2	1.0	17.1	1.25	19.7	23.2	1300
16	2	1.0	19.8	1.6	23.1	26.6	1880
25	2	1.0	24.5	1.6	27.8	31.7	2670

SIX CORE: REF 6946 XWL

1.5	2	0.8	10.9	0.9	12.8	15.2	497
2.5	2	0.8	12.1	0.9	14.0	17.1	609
4	2	0.8	13.9	0.9	16.5	19.7	886
6	2	0.8	15.4	1.25	18.0	21.3	1070
10	2	1.0	18.8	1.6	22.1	25.6	1650
16	2	1.0	21.8	1.6	25.1	28.8	2190
25	2	1.0	26.9	1.6	30.2	34.1	3090

SEVEN CORE: REF 6947 XWL

1.5	2	0.8	10.9	0.9	12.8	15.2	506
2.5	2	0.8	12.1	0.9	14.0	17.1	618
4	2	0.8	13.9	1.25	16.5	19.7	907
6	2	0.8	15.4	1.25	18.0	21.3	1110
10	2	1.0	18.8	1.25	22.1	25.6	1720
16	2	1.0	21.8	1.6	25.1	28.8	2300

TEN CORE: REF 694/10 XWL

1.5	2	0.8	13.9	1.25	16.5	19.8	812
2.5	2	0.8	15.5	1.25	18.1	21.4	989
4	2	1.0	18.3	1.6	21.6	25.1	1410
6	2	1.0	20.3	1.6	23.6	27.3	1680

TWELVE CORE: REF 694/12 XWL

1.5	2	0.8	14.3	1.25	16.9	19.4	854
2.5	2	0.8	16.0	1.25	18.6	22.4	1080
4	2	1.0	18.9	1.6	22.2	25.7	1550
6	2	1.0	21.0	1.6	24.3	28.0	1920

SIXTEEN CORE: REF 694/16 XWL

1.5	2	0.8	16.0	1.25	18.6	21.9	1020
2.5	2	0.8	18.2	1.6	21.5	25.0	1430
4	2	1.0	22.1	1.6	25.4	29.1	1950
6	2	1.0	23.4	1.6	26.7	30.4	2300



Date created: 02.04.2003

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