

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 (where applicable).

THREE CORE: REF 6943 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	8.2	0.9	10.1	12.8	341
2.5	2	0.8	9.1	0.9	11.0	14.1	405
4	2	0.8	10.4	0.9	12.3	15.3	495
6	2	0.8	11.5	0.9	13.4	16.6	600
10	2	0.8	13.7	1.25	16.4	19.5	900
16	2	0.8	15.5	1.25	18.0	21.2	1080
25	2*	1.0	20.1	1.6	23.3	26.7	1750
35	2*	1.0	22.8	1.6	26.0	29.6	2100
50	2S	1.0	21.7	1.6	24.9	28.5	2350
70	2S	1.0	25.2	1.6	28.4	32.2	3150
95	2S	1.2	28.8	2.0	32.8	37.0	4300
120	2S	1.2	32.0	2.0	36.0	40.4	5250
150	2S	1.4	35.9	2.5	40.9	45.5	6720
185	2S	1.4	40.0	2.5	45.0	49.8	8040
240	2S	1.4	44.9	2.5	49.9	55.1	10150
300	2S	1.6	49.8	2.5	54.8	60.2	12320
400	2S	1.6	55.4	2.5	60.6	66.6	15090

FOUR CORE: REF 6944 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	9.0	0.9	10.9	13.5	390
2.5	2	0.8	10.0	0.9	11.9	15.0	465
4	2	0.8	11.5	0.9	13.4	16.4	579
6	2	0.8	12.7	1.25	15.3	18.7	820
10	2	0.8	15.1	1.25	17.6	21.1	1090
16	2	0.8	17.2	1.25	19.7	22.9	1400
25	2*	1.0	22.3	1.6	25.5	28.9	2100
35	2*	1.0	25.3	1.6	28.5	32.1	2580
50	2S	1.0	25.0	1.6	28.2	32.0	3000
70	2S	1.2	29.5	2.0	33.5	37.7	4300
95	2S	1.2	33.3	2.0	37.3	41.7	5510
120	2S	1.4	37.5	2.5	42.5	47.1	7150
150	2S	1.4	41.6	2.5	46.6	51.4	8500
185	2S	1.4	46.4	2.5	51.4	56.6	10300
240	2S	1.6	52.6	2.5	57.6	63.0	13000
300	2S	1.6	58.0	2.5	63.0	68.8	15750
400	2S	1.8	64.8	3.15	71.3	78.1	20450

