

XLPE/PVC/SWA/PVC (COPPER) BS5467

Plain annealed copper conductor, XLPE insulated/PVC extruded bedded/Steel Wire armoured/PVC sheathed. 600/1000 volts grade to BS5467.

TWO CORE: REF 6942 XWP

SIZE SQ.MM	CLASS OF CONDUCTOR	MAXIMUM DIAMETER OVER CONDUCTOR MM	RT OF INSULATION	DIAMETER OVER CORE MM	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	1.59	0.6	3.0	0.8	7.7	0.9	9.6	12.3	300
2.5	2	2.01	0.7	3.4	0.8	8.5	0.9	10.4	13.6	360
4	2	2.55	0.7	4.0	0.8	9.7	0.9	11.6	14.7	420
6	2	3.12	0.7	4.5	0.8	10.7	0.9	12.6	15.9	500
10	2	4.05	0.7	5.5	0.8	12.7	0.9	14.6	18.0	650
16	2	5.10	0.7	6.5	0.8	14.5	1.25	17.0	20.0	910
25	2*	-	0.9	-	0.8	18.4	1.25	20.9	24.1	1060
35	2*	-	0.9	-	1.0	21.3	1.6	24.5	27.9	1480
50	2S	-	1.0	-	1.0	19.0	1.6	22.2	25.8	1800
70	2S	-	1.1	-	1.0	22.0	1.6	25.2	29.0	2300
95	2S	-	1.1	-	1.2	25.1	2.0	29.1	33.1	3170
120	2S	-	1.2	-	1.2	27.9	2.0	31.9	36.1	3800
150	2S	-	1.4	-	1.2	30.9	2.0	34.9	39.3	4500
185	2S	-	1.6	-	1.4	34.9	2.5	39.9	44.7	5800
240	2S	-	1.7	-	1.4	39.0	2.5	44.0	49.0	7280
300	2S	-	1.8	-	1.6	43.3	2.5	48.3	53.5	8750
400	2S	-	2.0	-	1.6	48.4	2.5	53.4	59.0	10700

Conductor stranding: Class 2 - stranded circular or circular compacted.

Operating temperature: Maximum 90°C, Minimum bending 0 °C.

Conductor identification: Black

Minimum bending radius: 6 x overall diameter



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