

CU/XLPE/IS/OS/LSZH , CU/XLPE/IS/OS/LSZH/SWA/LSZH 300 / 500 V

(Copper Conductor, XLPE Insulated, Individual Screen, Collective Screen, LSZH Sheated, .LSZH Bedding, Steel Armour, LSZH Sheated)



SPECIAL CABLE

TECHNICAL DATA

Spec Specification : BS 5308 Part 2
 Test Voltage : 1 kV / 1 min

Cu Conductor Shape : rm = Circular Stranded non-compact
 cm = Circular stranded compacted
 sm = Sector Compacted

DIMENSIONAL , ELECTRICAL & MECHANICAL DATA

Nominal Area & Composition of Conductor	Number of Pairs	Nominal Thickness of Insulation	I P - 201			I P - 201A				
			Nominal Thickness of Sheath	Approx. Overall Diameter	Approx. Weight	Nominal Thickness of Bedding	Armour Wires Diameter	Nominal Thickness of Sheath	Approx. Overall Diameter	Approx. Weight
mm ² (No. / mm)	No.	mm	mm	mm	Kg / Km	mm	mm	mm	mm	Kg / Km
0.5 rm 0.5 rm (7 / 0.30)	2 P	0.6	1.1	11.3	127	1.1	0.9	1.5	16.4	460
	4 P	0.6	1.1	12.4	178	1.1	0.9	1.5	18.1	534
	5 P	0.6	1.2	14.5	221	1.2	1.25	1.6	20.6	777
	6 P	0.6	1.2	15.1	252	1.2	1.25	1.6	21.7	824
	8 P	0.6	1.2	16.2	306	1.2	1.25	1.6	22.3	893
	10 P	0.6	1.3	18.0	379	1.3	1.6	1.8	25.3	1183
	12 P	0.6	1.3	19.5	438	1.3	1.6	1.8	26.6	1322
	15 P	0.6	1.5	21.9	554	1.5	1.6	1.8	29.0	1534
	20 P	0.6	1.5	24.7	697	1.5	1.6	1.9	32.0	1809
	30 P	0.6	1.7	30.0	1004	1.7	2.0	2.1	38.4	2640
50 P	0.6	2.2	39.2	1645	2.2	2.5	2.4	49.2	4249	
0.75 rm (7 / 0.37)	2 P	0.6	1.1	11.5	134	1.1	0.9	1.5	16.5	472
	4 P	0.6	1.2	13.7	215	1.2	1.25	1.5	20.1	748
	5 P	0.6	1.2	15.8	263	1.2	1.25	1.6	21.8	860
	6 P	0.6	1.2	16.4	295	1.2	1.25	1.6	22.4	906
	8 P	0.6	1.2	17.5	361	1.2	1.25	1.7	23.8	1024
	10 P	0.6	1.3	19.5	449	1.3	1.6	1.8	26.6	1323
	12 P	0.6	1.3	21.0	528	1.3	1.6	1.8	28.2	1456
	15 P	0.6	1.5	23.5	645	1.5	1.6	1.9	30.9	1717
	20 P	0.6	1.7	27.0	856	1.7	2.0	2.0	35.3	2321
	30 P	0.6	2.0	33.0	1238	2.0	2.0	2.2	41.4	3027
50 P	0.6	2.2	42.2	1961	2.2	2.5	2.5	52.2	4767	
1.0 rm (7 / 0.43)	2 P	0.6	1.1	12.9	162	1.1	0.9	1.5	17.8	547
	4 P	0.6	1.2	15.0	252	1.2	1.25	1.6	20.9	814
	5 P	0.6	1.2	16.5	297	1.2	1.25	1.6	22.4	914
	6 P	0.6	1.2	17.0	340	1.2	1.25	1.7	23.6	1010
	8 P	0.6	1.3	18.4	430	1.3	1.6	1.7	25.5	1260
	10 P	0.6	1.3	20.4	520	1.3	1.6	1.8	27.7	1472
	12 P	0.6	1.3	22.0	601	1.3	1.6	1.8	29.0	1592
	15 P	0.6	1.5	24.4	747	1.5	1.6	1.9	32.0	1900
	20 P	0.6	1.7	28.0	972	1.7	2.0	2.0	36.3	2507
	30 P	0.6	2.0	34.2	1422	2.0	2.0	2.2	42.8	3311
50 P	0.6	2.2	44.0	2270	2.2	2.5	2.5	53.8	5217	
2 P	0.6	1.2	14.3	204	1.2	1.25	1.6	20.2	736	

1.5 rm (7 / 0.53)	4 P	0.6	1.2	15.6	301	1.2	1.25	1.6	22.4	919
	5 P	0.6	1.3	18.1	380	1.3	1.6	1.7	25.1	1219
	6 P	0.6	1.3	19.0	423	1.3	1.6	1.7	26.0	1287
	8 P	0.6	1.3	20.4	537	1.3	1.6	1.8	27.5	1477
	10 P	0.6	1.5	22.8	678	1.5	1.6	1.9	30.1	1734
	12 P	0.6	1.5	23.5	760	1.5	1.6	1.9	31.8	1893
	15 P	0.6	1.7	27.4	973	1.7	2.0	2.0	35.8	2468
	20 P	0.6	1.7	31.2	1243	1.7	2.0	2.1	39.6	2950
	30 P	0.6	2.0	37.8	1823	2.0	2.5	2.4	47.7	4276
	50 P	0.6	2.2	48.5	2920	2.2	2.5	2.7	58.9	6202
2.5 rm (7 / 0.67)	2 P	0.7	1.2	16.8	272	1.2	1.25	1.6	22.7	895
	4 P	0.7	1.3	19.2	442	1.3	1.6	1.7	26.6	1340
	5 P	0.7	1.3	21.8	533	1.3	1.6	1.8	29.1	1533
	6 P	0.7	1.3	22.9	619	1.3	1.6	1.8	30.0	1645
	8 P	0.7	1.5	25.1	798	1.5	1.6	1.9	32.4	1940
	10 P	0.7	1.5	27.7	941	1.5	1.6	1.9	35.0	2225
	12 P	0.7	1.7	30.5	1136	1.7	2.0	2.0	38.7	2812
	15 P	0.7	1.7	33.0	1361	1.7	2.0	2.1	41.5	3188
	20 P	0.7	2.0	37.8	1791	2.0	2.0	2.2	47.0	3912
	30 P	0.7	2.2	46.0	2618	2.2	2.5	2.5	56.0	5707
50 P	0.7	2.4	58.6	4222	2.4	2.5	2.9	69.6	8172	

