



YESHWANT WIRES PVT.LTD.

AN ISO 9001:2015 COMPANY

PRODUCT CATALOGUE

ABOUT YESHWANT WIRES PVT.LTD.

AN ISO 9001: 2015 Company Certified

YESHWANT WIRES PVT LTD, ARE TESTED AND APPROVED BY BUREAU OF INDIAN STANDARDS AND WE HAVE BEEN GRANTED THE BELOW MENTIONED LICENCES OF INDIAN STANDARDS TO MARK OUR CABLES AS 'ISI MARK' THE RENOWNED AND MOST ACCEPTABLE QUALITY IN INDIA.

ISI MARK ON OUR CABLE CONFORMING TO IS: 694 / 2010, IS: 7098 (PT-1) 1988 / IS: 1554 (PT-1) AMENDED UPTO DATE AND IS: 14255: 1995

QUALITY ASSURANCE

IN THE MANUFACTURE OF CABLES, SINCERE EFFORTS AND STANDARDS LAID DOWN OPERATING PROCEDURES AT EACH STAGE ARE FOLLOWED TO ACHIEVE QUALITY. FOR QUALITY END PRODUCTS, CONTROL STARTS FROM PROPER DESIGN OF THE PRODUCT. ALL RAW MATERIALS ARE SELECTED CAREFULLY AND ONLY MATERIALS OF HIGH QUALITY ARE USED IN PRODUCTION. HAVING DONE THIS STAGE WISE INSPECTION IS DONE TO ENSURE CONFORMITY WITH REQUIREMENTS OF RELEVANT INDIAN / INTERNATIONAL STANDARDS WHERE THESE APPLIES.

TABLE 1											
YESHWANT WIRES 1.1 KV SINGLE CORE, ALUMINIUM CONDUCTOR, PVC INSULATED UNARMoured PVC SHEATHED CABLES CONFORMING TO IS : 1554 (PART-I) AMENDED UPTO DATE											
Nominal cross sectional area Sqmm	Nominal Thickness of Insulation mm	Nominal Thickness of Outer sheath mm	Approx. Overall diameter mm	Approx. weight of cable kg/km	Max. DC Conductor resistance at 20 °C Ohm/Km	CURRENT RATINGS					
						Direct in Ground		In Duct		In Air	
						2 Cables Amps	3 Cables Amps	2 Cables Amps	3 Cables Amps	2 Cables Amps	3 Cables Amps
1.5	0.8	1.8	7.0	55	18.1000	21	17	19	17	18	15
2.5	0.9	1.8	7.5	65	12.1000	28	24	25	24	25	21
4.0	1.0	1.8	8.0	75	7.4100	36	31	33	30	32	27
6.0	1.0	1.8	9.0	90	4.6100	44	39	42	37	41	35
10.0	1.0	1.8	10.0	105	3.0800	54	51	56	51	56	47
16.0	1.0	1.8	11.0	140	1.9100	75	66	71	65	72	64
25.0	1.2	1.8	13.6	195	1.2000	97	86	93	84	99	84
35.0	1.2	1.8	14.0	235	0.8680	120	100	110	100	120	105
50.0	1.4	1.8	16.0	305	0.6410	145	120	130	115	150	130
70.0	1.4	1.8	18.0	385	0.4430	170	140	155	135	185	155
95.0	1.6	1.8	20.5	515	0.3200	205	175	180	155	215	190
120.0	1.6	2.0	22.0	610	0.2530	230	195	200	170	240	220
150.0	1.8	2.0	23.5	735	0.2060	265	220	220	190	270	250
185.0	2.0	2.0	25.8	885	0.1640	300	240	240	210	305	290
240.0	2.2	2.0	28.5	1100	0.1250	335	270	270	225	350	335
300.0	2.4	2.0	31.5	1355	0.1000	370	295	295	245	395	380
400.0	2.6	2.2	35.5	1665	0.0778	410	325	335	275	455	435
500.0	3.0	2.2	39.5	2130	0.0605	435	345	355	295	490	480
630.0	3.4	2.4	44.5	2685	0.0469	485	390	395	320	560	550
800.0	3.4	2.4	49.0	3255	0.0367	525	440	420	350	650	640
1000.0	3.4	2.6	54.0	3960	0.0291	570	490	445	380	735	720

* if required these sizes can be offered with stranded conductor also

TABLE 2									
YESHWANT WIRES 1.1 KV TWO CORE, ALUMINIUM CONDUCTOR, PVC INSULATED INNER SHEATHED UNARMoured PVC SHEATHED CABLES CONFORMING TO IS : 1554 (PART-I) AMENDED UPTO DATE									
Nominal cross sectional area Sqmm	Nominal Thickness of Insulation mm	Nominal Thickness of Inner sheath mm	Nominal Thickness of Outer sheath mm	Approx. Overall diameter mm	Approx. weight of cable kg/km	Max. DC Conductor resistance at 20 °C Ohm/Km	CURRENT RATINGS		
							Direct in Ground Amps	In Duct Amps	In Air Amps
1.5	0.8	0.3	1.8	11.0	115	18.1000	18	16	16
2.5	0.9	0.3	1.8	12.0	150	12.1000	25	21	21
4.0	1.0	0.3	1.8	13.5	185	7.4100	32	27	27
6.0	1.0	0.3	1.8	14.5	220	4.6100	40	34	35
10.0	1.0	0.3	1.8	16.0	275	3.0800	55	45	47
16.0	1.0	0.3	1.8	16.0	285	1.9100	70	58	59
25.0	1.2	0.3	2.0	18.5	405	1.2000	90	76	78
35.0	1.2	0.3	2.0	19.5	490	0.8680	110	92	99
50.0	1.4	0.3	2.0	22.5	650	0.6410	135	115	125
70.0	1.4	0.3	2.0	25.0	800	0.4430	160	140	150
95.0	1.6	0.4	2.2	28.5	1065	0.3200	190	170	185
120.0	1.6	0.4	2.2	30.5	1250	0.2530	210	190	210
150.0	1.8	0.4	2.4	34.0	1550	0.2060	240	210	240
185.0	2.0	0.5	2.4	37.0	1880	0.1640	275	240	275
240.0	2.2	0.5	2.6	41.5	2400	0.1250	320	275	325
300.0	2.4	0.6	2.8	45.5	2920	0.1000	355	305	365
400.0	2.6	0.7	3.2	51.5	3815	0.0778	385	345	420
500.0	3.0	0.7	3.4	57.0	4750	0.0605	410	370	450

* if required these sizes can be offered with stranded conductor also

TABLE 5									
YESHWANT WIRES 1.1 KV FOUR CORE, ALUMINIUM CONDUCTOR, PVC INSULATED INNER SHEATHED UNARMoured PVC SHEATHED CABLES CONFORMING TO IS : 1554 (PART-I) AMENDED UPTO DATE									
Nominal cross sectional area Sqmm	Nominal Thickness of Insulation mm	Nominal Thickness of Inner sheath mm	Nominal Thickness of Outer sheath mm	Approx. Overall diameter mm	Approx. weight of cable kg/km	Max. DC Conductor resistance at 20 °C Ohm/Km	CURRENT RATINGS		
							Direct in Ground Amps	In Duct Amps	In Air Amps
1.5	0.8	0.3	1.8	12.5	150	18.1000	16	14	13
2.5	0.9	0.3	1.8	14.0	180	12.1000	21	18	18
4.0	1.0	0.3	1.8	15.5	220	7.4100	28	23	23
6.0	1.0	0.3	1.8	17.0	260	4.6100	35	30	30
10.0	1.0	0.3	1.8	19.0	340	3.0800	46	39	40
16.0	1.0	0.3	2.0	21.5	460	1.9100	60	50	51
25.0	1.2	0.3	2.0	25.5	600	1.2000	76	63	70
35.0	1.2	0.3	2.0	28.0	800	0.8680	92	77	86
50.0	1.4	0.4	2.2	32.5	1100	0.6410	110	95	105
70.0	1.4	0.4	2.2	35.5	1400	0.4430	135	115	130
95.0	1.6	0.4	2.4	41.0	1850	0.3200	165	140	155
120.0	1.6	0.5	2.4	44.5	2250	0.2530	185	155	180
150.0	1.8	0.5	2.6	49.5	2750	0.2060	210	175	205
185.0	2.0	0.6	2.6	55.0	3400	0.1640	235	200	240
240.0	2.2	0.6	3.0	62.0	4300	0.1250	275	235	280
300.0	2.4	0.7	3.4	68.5	5300	0.1000	305	260	315
400.0	2.6	0.7	3.6	77.5	6900	0.0778	335	290	375
500.0	3.0	0.7	4.0	86.5	8600	0.0605	350	310	410

* if required these sizes can be offered with stranded conductor also

TABLE 6														
YESHWANT WIRES 1.1 KV ANNEALED HIGH CONDUCTIVITY SOLID COPPER CONDUCTOR 1.5 SQ MM PVC INSULATED INNER SHEATHED, ARMoured / UNARMoured PVC SHEATHED CONTROL CABLES CONFORMING TO IS : 1554 (PART-I) AMENDED UPTO DATE														
No of Cores	Nominal thickness of Insulation mm	Minimum thickness of inner sheath mm	ARMOUR		Nominal Sheath Thickness Unarmoured mm	Nominal Sheath Thickness Armoured mm	Approx overall Diameter		Approx Weight of Cable		Max. DC Conductor resistance at 20 oC Ohm/Km	CURRENT RATINGS		
			Galv.Round steel wire Nominal Diameter mm	Galv.Flat Steel Strip Nominal Thickness mm			Unarmoured mm	Armoured mm	Unarmoured kg/km	Armoured kg/km		Direct in Ground Amps	In Ducts Amps	In Air Amps
2	0.8	0.3	1.4	--	1.8	1.24	11.5	14.0	130	350	12.1	23	20	20
3	0.8	0.3	1.4	--	1.8	1.24	12.0	14.5	160	400	12.1	21	17	17
4	0.8	0.3	1.4	--	1.8	1.24	13.0	15.0	190	450	12.1	21	17	17
5	0.8	0.3	1.4	--	1.8	1.24	14.0	16.0	225	500	12.1	21	17	17
6	0.8	0.3	1.4	--	1.8	1.24	15.0	17.0	250	550	12.1	15	13	13
7	0.8	0.3	--	--	1.8	1.24	15.0	17.0	265	565	12.1	14	13	13
10	0.8	0.3	--	--	1.8	1.40	18.0	20.5	350	750	12.1	13	11	11
12	0.8	0.3	--	0.8	1.8	1.24	18.5	19.5	400	650	12.1	12	10	10
14	0.8	0.3	--	0.8	1.8	1.40	19.5	20.5	450	760	12.1	11	10	10
16	0.8	0.3	--	0.8	1.8	1.40	20.5	21.5	500	800	12.1	11	9	9
19	0.8	0.3	--	0.8	2.0	1.40	22.0	22.5	600	850	12.1	10	9	9
24	0.8	0.3	--	0.8	2.0	1.40	25.0	25.5	725	1050	12.1	9	8	8
30	0.8	0.3	--	0.8	2.0	1.40	26.5	27.5	860	1200	12.1	9	7	7
37	0.8	0.3	--	0.8	2.0	1.40	28.0	28.5	1050	1400	12.1	8	7	7
61	0.8	0.4	--	0.8	2.2	1.56	35.0	36.5	1650	2100	12.1	7	6	6

* if required these sizes can be offered with stranded conductor also

TABLE 7														
YESHWANT WIRES 1.1 KV ANNEALED HIGH CONDUCTIVITY SOLID COPPER CONDUCTOR 2.5 SQ MM PVC INSULATED INNER SHEATHED, ARMoured / UNARMoured PVC SHEATHED CONTROL CABLES CONFORMING TO IS : 1554 (PART-I) AMENDED UPTO DATE														
No of Cores	Nominal thickness of Insulation mm	Minimum thickness of inner sheath mm	ARMOUR		Nominal Sheath Thickness Unarmoured mm	Nominal Thickness Armoured mm	Approx overall Diameter		Approx Weight of Cable		Max. DC Conductor resistance at 20 oC Ohm/Km	CURRENT RATINGS		
			Galv.Round steel wire Nominal Diameter mm	Galv.Flat Steel Strip Nominal Thickness mm			Unarmoured mm	Armoured mm	Unarmoured kg/km	Armoured kg/km		Direct in Ground Amps	In Ducts Amps	In Air Amps
2	0.9	0.3	1.4	--	1.8	1.24	13.0	15.0	160	425	7.41	32	27	27
3	0.9	0.3	1.4	--	1.8	1.24	14.0	16.0	225	475	7.41	27	24	24
4	0.9	0.3	1.4	--	1.8	1.24	14.5	17.0	250	530	7.41	27	24	24
5	0.9	0.3	1.4	--	1.8	1.24	15.5	18.0	300	600	7.41	27	24	24
6	0.9	0.3	1.4	--	1.8	1.24	17.0	19.0	340	675	7.41	20	18	18
7	0.9	0.3	--	--	1.8	1.24	17.0	19.0	375	700	7.41	20	17	17
10	0.9	0.3	--	0.8	1.8	1.40	20.5	22.0	500	780	7.41	18	15	15
12	0.9	0.3	--	0.8	2.0	1.40	21.0	22.5	600	850	7.41	17	14	14
14	0.9	0.3	--	0.8	2.0	1.40	22.5	23.5	650	950	7.41	16	13	13
16	0.9	0.3	--	0.8	2.0	1.40	23.5	24.5	750	1050	7.41	15	13	13
19	0.9	0.3	--	0.8	2.0	1.40	24.5	25.5	850	1150	7.41	14	12	12
24	0.9	0.3	--	0.8	2.0	1.40	28.5	29.5	1050	1400	7.41	13	11	11
30	0.9	0.3	--	0.8	2.0	1.56	30.5	31.0	1250	1700	7.41	12	10	10
37	0.9	0.4	--	0.8	2.2	1.56	32.5	33.5	1550	2000	7.41	11	10	10
61	0.9	0.4	--	0.8	2.2	1.56	40.5	41.5	2450	3100	7.41	9	8	8
* if required these sizes can be offered with stranded conductor also														

TABLE 8														
YESHWANT WIRES SINGLE CORE ALUMINIUM CONDUCTOR XLPE INSULATED ARMoured CABLES CONFORMING TO IS : 7098 (PART-I)														
Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of XLPE Insulation (Nom.) mm	Nominal Dimensions of Armour Wire mm	Min. Thickness of PVC Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net Wt. of Cable Kg/Km	Max. DC Conductor resistance at 20 °C Ohm/Km	Max. AC Conductor resistance at 90 oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance mFd/Km	CURRENT RATINGS		
												Direct in Ground Amps	In Air Amps	
A 2xway	1CX4	1	1.00	1.40	1.2400	11.500	160	7.4100	9.4800	-	-	42	34	
A 2xway	1CX6	1	1.00	1.40	1.2400	12.500	180	4.6100	5.9000	-	-	52	43	
A 2xway	1CX10	1	1.00	1.40	1.2400	13.000	210	3.0800	3.9400	0.134	0.32	69	60	
A 2xway	1CX16	1	1.00	1.40	1.2400	13.500	260	1.9100	2.4400	0.125	0.38	90	82	
A 2xway	1CX25	7	1.20	1.40	1.2400	14.000	270	1.2000	1.5400	0.116	0.40	96	98	
A 2xway	1CX35	7	1.20	1.40	1.2400	15.000	320	0.8680	1.1100	0.110	0.47	114	121	
A 2xway	1CX50	7	1.30	1.40	1.2400	17.000	390	0.6410	0.8200	0.103	0.50	135	150	
A 2xFay	1CX70	19	1.40	1.40	1.2400	19.000	490	0.4430	0.5670	0.099	0.55	166	187	
A 2xFay	1CX95	19	1.40	1.60	1.2400	21.000	650	0.3200	0.4100	0.097	0.64	198	230	
A 2xFay	1CX120	19	1.50	1.60	1.4000	23.000	760	0.2530	0.3250	0.096	0.67	225	268	
A 2xFay	1CX150	19	1.70	1.60	1.4000	25.000	880	0.2060	0.2650	0.091	0.67	253	309	
A 2xFay	1CX185	37	1.90	1.60	1.4000	27.000	1050	0.1640	0.2110	0.090	0.67	286	360	
A 2xFay	1CX240	37	2.00	1.60	1.4000	29.000	1280	0.1250	0.1620	0.086	0.72	332	433	
A 2xFay	1CX300	37	2.10	1.60	1.5600	32.000	1530	0.1000	0.1300	0.085	0.75	376	501	
A 2xFay	1CX400	61	2.40	2.00	1.5600	37.000	2000	0.0778	0.1023	0.085	0.75	431	596	
A 2xFay	1CX500	61	2.60	2.00	1.5600	40.000	2410	0.0605	0.0808	0.083	0.77	490	693	
A 2xFay	1CX630	61	2.80	2.00	1.7200	45.000	2900	0.0469	0.0648	0.082	0.81	557	814	
A 2xFay	1CX800	61	3.10	2.00	1.8800	50.000	3730	0.0367	0.0530	0.081	0.88	600	890	
A 2xFay	1CX1000	61	3.30	2.00	2.0400	56.000	4730	0.0291	0.0444	0.081	0.88	650	1050	

TABLE 9												
YESHWANT WIRES SINGLE CORE ALUMINIUM CONDUCTOR XLPE INSULATED UNARMoured CABLES CONFORMING TO IS : 7098 (PART-I)												
Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of XLPE Insulation (Nom.) mm	Thickness of PVC Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net of Cable Wt. Kg/Km	Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 70oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance mFd/Km	CURRENT RATINGS	
											Direct in Ground Amps	In Air Amps
A2xy	1CX4	1	0.70	1.80	9	70	7.4100	9.4900	0.132	0.29	42	34
A2xy	1CX6	1	0.70	1.80	10	88	4.6100	5.9000	0.123	0.34	52	43
A2xy	1CX10	1	0.70	1.80	11	100	3.0600	3.9400	0.114	0.43	69	60
A2xy	1CX16	7	0.70	1.80	12	150	1.9100	2.4500	0.108	0.51	90	82
A2xy	1CX25	7	0.90	1.80	12	190	1.2000	1.5400	0.102	0.52	96	98
A2xy	1CX35	7	0.90	1.80	13	230	0.8680	1.1100	0.097	0.60	114	121
A2xy	1CX50	7	1.00	1.80	15	208	0.6410	0.8200	0.092	0.63	135	150
A2xy	1CX70	19	1.10	1.80	16	370	0.4430	0.5670	0.088	0.68	166	187
A2xy	1CX95	19	1.10	1.80	18	460	0.3200	0.4100	0.085	0.79	198	230
A2xy	1CX120	19	1.20	1.80	20	560	0.2530	0.3250	0.082	0.79	225	268
A2xy	1CX150	19	1.40	2.00	22	690	0.2060	0.2650	0.082	0.79	253	309
A2xy	1CX185	37	1.60	2.00	24	840	0.1640	0.2110	0.082	0.79	286	360
A2xy	1CX240	37	1.70	2.00	27	1030	0.1250	0.1620	0.079	0.84	332	433
A2xy	1CX300	37	1.80	2.00	29	1240	0.1000	0.1300	0.078	0.86	376	501
A2xy	1CX400	61	2.00	2.20	33	1590	0.0778	0.1023	0.077	0.86	431	596
A2xy	1CX500	61	2.20	2.20	36	1960	0.0605	0.0808	0.076	0.90	490	693
A2xy	1CX630	61	2.40	2.20	41	2460	0.0469	0.0648	0.075	0.94	557	814
A2xy	1CX800	61	2.60	2.40	46	3100	0.0367	0.0530	0.075	0.97	600	890
A2xy	1CX1000	61	2.80	2.60	51	3850	0.0291	0.0444	0.068	1.01	650	1050

TABLE 10													
YESHWANT WIRES SINGLE CORE COPPER CONDUCTOR XLPE INSULATED ARMoured CABLES CONFORMING TO IS : 7098 (PART-I)													
Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of XLPE Insulation (Nom.) mm	Nominal Dimensions of Armour Wire mm	Min. Thickness of PVC Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net Wt. of Cable Kg/Km	Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 70 oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance mFd/Km	CURRENT RATINGS	
												Direct in Ground Amps	In Air Amps
2XWay	1CX4	1	1.00	1.40	1.2400	11.50	185	4.6100	5.9000	-	-	-	-
2XWay	1CX6	1	1.00	1.40	1.2400	12.50	210	3.0800	3.9400	-	-	-	-
2XWay	1CX10	7	1.00	1.40	1.2400	13.00	270	1.8300	2.3400	0.134	0.32	-	-
2XWay	1CX16	7	1.00	1.40	1.2400	13.50	320	1.1500	1.4700	0.125	0.38	-	-
2XWay	1CX25	7	1.20	1.40	1.2400	14.00	395	0.7270	0.9300	0.116	0.40	132	132
2XWay	1CX35	7	1.20	1.40	1.2400	15.00	500	0.5240	0.6710	0.110	0.47	156	156
2XWay	1CX50	7	1.30	1.40	1.2400	17.00	634	0.3870	0.4950	0.103	0.50	186	198
2XF ay	1CX70	19	1.40	1.40	1.2400	19.00	846	0.2680	0.3430	0.099	0.55	228	246
2XF ay	1CX95	19	1.40	1.60	1.4000	21.00	1139	0.1930	0.2470	0.097	0.64	264	294
2XF ay	1CX120	19	1.50	1.60	1.4000	23.00	1390	0.1530	0.1960	0.093	0.67	300	336
2XF ay	1CX150	19	1.70	1.60	1.4000	25.00	1667	0.1240	0.1290	0.091	0.67	336	384
2XF ay	1CX185	37	1.90	1.60	1.4000	27.00	2039	0.0991	0.1270	0.090	0.67	366	444
2XF ay	1CX240	37	2.00	1.60	1.4000	29.00	2584	0.0754	0.0965	0.086	0.72	414	510
2XF ay	1CX300	37	2.10	1.60	1.5600	32.00	3184	0.0601	0.0769	0.085	0.75	450	570
2XF ay	1CX400	61	2.40	2.00	1.5600	37.00	4099	0.0470	0.0602	0.085	0.75	480	660
2XF ay	1CX500	61	2.60	2.00	1.5600	40.00	5118	0.0366	0.0468	0.083	0.77	570	708
2XF ay	1CX630	61	2.80	2.00	1.7200	45.00	6511	0.0283	0.0362	0.082	0.81	564	825
2XF ay	1CX800	61	3.10	2.00	1.8800	50.00	8250	0.0221	0.0283	0.081	0.88	660	945
2XF ay	1CX1000	61	3.30	2.50	2.0400	56.00	10386	0.0176	0.0225	0.081	0.88	723	1053

TABLE 11													
YESHWANT WIRES SINGLE CORE COPPER CONDUCTOR XLPE INSULATED UNARMOURED CABLES CONFORMING TO IS : 7098 (PART-I)													
Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of XLPE Insul ati on (Nom.) mm	Thickness of PVC Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net of Cable Kg/Km	Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 70oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance mFd/Km	CURRENT RATINGS		
											Direct in Ground Amps	In Air Amps	
2XY	1CX4	1	0.70	1.80	9	95	4.61	5.900	0.132	0.29	-	-	
2XY	1CX6	1	0.70	1.80	10	125	3.08	3.9400	0.123	0.34	-	-	
2XY	1CX10	7	0.70	1.80	11	160	1.83	2.3400	0.114	0.43	-	-	
2XY	1CX16	7	0.70	1.80	11.5	260	1.15	1.4700	0.108	0.51	-	-	
2XY	1CX25	7	0.90	1.80	12	315	0.727	0.930	0.102	0.52	132	132	
2XY	1CX35	7	0.90	1.80	13	409	0.524	0.671	0.097	0.60	156	156	
2XY	1CX50	7	1.00	1.80	15	532	0.387	0.495	0.092	0.63	186	198	
2XY	1CX70	19	1.10	1.80	16	731	0.268	0.343	0.088	0.68	228	246	
2XY	1CX95	19	1.10	1.80	18	973	0.193	0.247	0.085	0.79	264	294	
2XY	1CX120	19	1.20	1.80	20	1207	0.153	0.196	0.082	0.79	300	336	
2XY	1CX150	19	1.40	2.00	22	1491	0.124	0.159	0.082	0.79	336	384	
2XY	1CX185	37	1.60	2.00	24	1838	0.0991	0.127	0.082	0.79	366	444	
2XY	1CX240	37	1.70	2.00	27	2356	0.0754	0.0965	0.079	0.84	414	510	
2XY	1CX300	37	1.80	2.00	29	2916	0.0601	0.0769	0.078	0.86	450	570	
2XY	1CX400	61	2.00	2.20	33	3720	0.0470	0.0602	0.077	0.86	480	660	
2XY	1CX500	61	2.20	2.20	36	4708	0.0366	0.0468	0.076	0.90	570	708	
2XY	1CX630	61	2.40	2.20	41	6022	0.0283	0.0362	0.075	0.94	564	825	
2XY	1CX800	61	2.60	2.40	46	7676	0.0221	0.0830	0.075	0.97	660	945	
2XY	1CX1000	61	2.80	2.60	51	9587	0.0176	0.0225	0.068	1.01	723	1063	

TABLE 12																		
YESHWANT WIRES TWO CORE ALUMINIUM CONDUCTOR XLPE INSULATED ARMOURED CABLES CONFORMING TO IS : 7098 (PART-I)																		
Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of XLPE Insulation (Nom.) mm	Thickness of PVC Inner Sheath mm	Nominal Dimensions of Armour (mm) (mm)		Min. Thickness of Outer Sheath Armour Armour		Overall Diameter (Approx.) (mm) (mm)		Approx. Net Wt. of Cable Armour Armour		Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 90 oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance Ohm/Km	CURRENT RATINGS	
																	Direct in Ground Amps	In Air Amps
A2xwy	2CX4	1	0.70	0.3	1.40	-	124	-	16	-	440	-	7.41	9.48	-	-	54	31
A2xwy	2CX6	1	0.70	0.3	1.40	-	124	-	17	-	550	-	4.61	5.90	-	-	43	40
A2xfy/A2xwy	2CX10	1	0.70	0.3	1.40	-	124	-	18	-	650	-	3.08	3.94	-	-	57	53
A2xfy/A2xwy	2CX16	7	0.70	0.3	1.40	-	124	-	18	-	580	-	1.91	2.44	-	-	73	70
A2xfy/A2xwy	2CX25	7	0.90	0.3	1.60	4X0.8	1.40	1.40	21	19	840	630	1.200	1.540	0.080	0.20	112	98
A2xfy/A2xwy	2CX35	7	0.90	0.3	1.60	4X0.8	1.40	1.40	22	21	970	740	0.868	1.110	0.080	0.23	138	124
A2xfy/A2xwy	2CX50	7	1.00	0.3	1.60	4X0.8	1.40	1.40	24	23	1150	900	0.641	0.820	0.078	0.24	169	156
A2xfy/A2xwy	2CX70	19	1.10	0.3	1.60	4X0.8	1.56	1.56	27	26	1430	1140	0.443	0.567	0.077	0.26	200	188
A2xfy/A2xwy	2CX95	19	1.10	0.4	2.00	4X0.8	1.56	1.56	31	28	1900	1390	0.320	0.410	0.074	0.29	238	231
A2xfy/A2xwy	2CX120	19	1.20	0.4	2.00	4X0.8	1.56	1.56	33	31	2220	1660	0.253	0.325	0.072	0.29	262	262
A2xfy/A2xwy	2CX150	19	1.40	0.4	2.00	4X0.8	1.72	1.72	36	34	2550	1930	0.206	0.265	0.072	0.29	300	300
A2xfy/A2xwy	2CX185	37	1.60	0.5	2.00	4X0.8	1.88	1.72	39	37	3030	2320	0.1640	0.211	0.072	0.29	344	344
A2xfy/A2xwy	2CX240	37	1.70	0.5	2.50	4X0.8	2.04	1.88	45	41	3930	2790	0.1250	0.1620	0.072	0.31	400	406
A2xfy/A2xwy	2CX300	37	1.80	0.6	2.50	4X0.8	2.20	2.04	48	44	4650	3390	0.1000	0.1300	0.071	0.33	444	456
A2xfy/A2xwy	2CX400	61	2.00	0.6	2.50	4X0.8	2.36	2.36	54	50	5600	4230	0.0778	0.1023	0.070	0.33	481	525

TABLE 13

YESHWANT WIRES TWO CORE ALLUMINIUM XLPE UNARMoured POWER
CABLES CONFORMING TO IS : 7098 (PART-I)

Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of Insulation (Nom.) mm	Thickness of Inner Sheath mm	Thickness of Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net Wt. of Cable Kg/Km	Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 90 oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance mFd/Km	CURRENT RATINGS	
												Direct in Ground Amps	In Air Amps
A2xy	2CX4	1	0.70	0.3	1.80	13.50	210	7.41	9.48	-	-	34	31
A2xy	2CX6	1	0.70	0.3	1.80	15.00	280	4.61	5.90	-	-	43	40
A2xy	2CX10	7	0.70	0.3	1.80	16.00	300	3.08	3.94	-	-	57	53
A2xy	2CX16	7	0.70	0.3	1.80	17.00	380	1.91	2.44	-	-	73	70
A2xy	2CX25	7	0.90	0.3	2.00	18.00	420	1.20	1.54	0.080	0.20	112	98
A2xy	2CX35	7	0.90	0.3	2.00	20.00	510	0.87	1.11	0.080	0.23	138	124
A2xy	2CX50	7	1.00	0.3	2.00	22.00	630	0.64	0.82	0.078	0.24	169	156
A2xy	2CX70	19	1.10	0.3	2.00	25.00	800	0.44	0.57	0.077	0.26	200	188
A2xy	2CX95	19	1.10	0.4	2.20	28.00	1040	0.32	0.41	0.074	0.29	238	231
A2xy	2CX120	19	1.20	0.4	2.20	30.00	1260	0.25	0.33	0.072	0.29	262	262
A2xy	2CX150	19	1.40	0.4	2.20	33.00	1480	0.21	0.27	0.072	0.29	300	300
A2xy	2CX185	37	1.60	0.5	2.40	36.00	1840	0.16	0.21	0.072	0.29	344	344
A2xy	2CX240	37	1.70	0.5	2.60	40.00	2250	0.13	0.16	0.072	0.31	400	406
A2xy	2CX300	37	1.80	0.6	2.80	44.00	2810	0.10	0.13	0.071	0.33	444	456
A2xy	2CX400	61	2.00	0.6	3.00	49.00	3530	0.08	0.10	0.070	0.33	481	525

TABLE 14

YESHWANT WIRES TWO CORE COPPER CONDUCTOR XLPE INSULATED ARMoured CABLES CONFORMING TO
IS : 7098 (PART-I)

[illegible]

TABLE 15

**YESHWANT WIRES TWO CORE COPPER XLPE UNARMoured POWER
CABLES CONFORMING TO IS : 7098 (PART-I)**

Types	No of Cores & Cross sectional area	Min. No of wires	Thickness of Insulation (Nom.) mm	Thickness of Inner Sheath mm	Thickness of Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net Wt. of Cable Kg/Km	Max.DC Resistance at 20 °C Ohm/Km	Max.AC Resistance at 90 °C Ohm/Km	Approx. Reactance 50 Hz	Approx. Capacitance mFd/Km	CURRENT RATINGS	
												Direct in Ground Amps	In Air Amps
2XY	2CX4	1	0.70	0.3	1.80	13.50	270	4.610	5.90	-	-	-	-
2XY	2CX6	1	0.70	0.3	1.80	15.00	350	3.080	3.94	-	-	-	-
2XY	2CX10	7	0.70	0.3	1.80	16.00	400	1.830	2.34	-	-	-	-
2XY	2CX16	7	0.70	0.3	1.80	17.00	570	1.150	1.47	-	-	-	-
2XY	2CX25	7	0.90	0.3	2.00	18.00	672	0.727	0.930	0.080	0.20	144	131
2XY	2CX35	7	0.90	0.3	2.00	20.00	865	0.524	0.671	0.080	0.23	175	150
2XY	2CX50	7	1.00	0.3	2.00	22.00	114	0.387	0.495	0.078	0.24	206	194
2XY	2CX70	19	1.10	0.3	2.00	25.00	1519	0.268	0.343	0.077	0.26	256	244
2XY	2CX95	19	1.10	0.4	2.20	28.00	2048	0.193	0.247	0.074	0.29	300	288
2XY	2CX120	19	1.20	0.4	2.20	30.00	2526	0.153	0.196	0.072	0.29	344	331
2XY	2CX150	19	1.40	0.4	2.20	33.00	3062	0.124	0.159	0.072	0.29	388	381
2XY	2CX185	37	1.60	0.5	2.40	36.00	3813	0.0910	0.127	0.072	0.29	438	438
2XY	2CX240	37	1.70	0.5	2.60	40.00	4917	0.0754	0.0965	0.072	0.31	506	512
2XY	2CX300	37	1.80	0.6	2.80	44.00	6107	0.0601	0.0769	0.071	0.33	562	581
2XY	2CX400	61	2.00	0.6	3.00	49.00	7732	0.0470	0.0602	0.070	0.33	612	662

TABLE 16

**YESHWANT WIRES THREE CORE ALLUMINIUM XLPE UNARMoured POWER
CABLES CONFORMING TO IS : 7098 (PART-I)**

Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of Insulation (Nom.) mm	Thickness of Inner Sheath mm	Thickness of Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net Wt. of Cable Kg/Km	Max. DC Resistance at 20 °C Ohm/Km	Max. AC Resistance at 90 °C Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance mFd/Km	CURRENT RATINGS	
												Direct in Ground Amps	In Air Amps
A2xy	3CX4	1	0.70	0.3	1.80	14.00	250	7.41	9.49	-	-	34	31
A2xy	3CX6	1	0.70	0.3	1.80	15.50	300	4.61	5.90	-	-	43	40
A2xy	3CX10	1	0.70	0.3	1.80	17.00	350	3.06	3.94	-	-	57	53
A2xy	3CX16	7	0.70	0.3	1.80	17.00	350	1.91	2.45	-	-	73	70
A2xy	3CX25	7	0.90	0.3	2.00	21.00	520	1.2000	0.5400	0.080	0.20	94	96
A2xy	3CX35	7	0.90	0.3	2.00	23.00	640	0.8680	1.1100	0.080	0.23	113	117
A2xy	3CX50	7	1.00	0.3	2.00	25.00	700	0.6410	0.8200	0.078	0.24	133	142
A2xy	3CX70	19	1.10	0.4	2.20	29.00	1080	0.4430	0.5670	0.077	0.26	164	179
A2xy	3CX95	19	1.10	0.4	2.20	32.00	1350	0.3200	0.4100	0.074	0.29	196	221
A2xy	3CX120	19	1.20	0.4	2.20	35.00	1640	0.2530	0.3250	0.072	0.29	223	257
A2xy	3CX150	19	1.40	0.5	2.40	39.00	2020	0.2060	0.2650	0.072	0.29	249	292
A2xy	3CX185	37	1.60	0.5	2.60	43.00	2490	0.1640	0.2110	0.072	0.29	282	337
A2xy	3CX240	37	1.70	0.6	2.80	48.00	3150	0.1250	0.1620	0.072	0.31	326	399
A2xy	3CX300	37	1.80	0.6	3.00	53.00	3890	0.1000	0.1300	0.071	0.33	367	455
A2xy	3CX400	61	2.00	0.7	3.20	59.00	4840	0.0778	0.1023	0.070	0.33	418	530

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TABLE 19

**YESHWANT WIRES THREE CORE COPPER XLPE UNARMoured POWER
CABLES CONFORMING TO IS : 7098 (PART-I)**

Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of Insulation (Nom.) mm	Thickness of Inner Sheath mm	Thickness of Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net Wt. of Cable Kg/Km	Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 90 oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance mFd/Km	CURRENT RATINGS	
												Direct in Ground Amps	In Air Amps
2XY	3CX4	1	0.70	0.3	1.80	14.00	325	4.61	5.90	-	-	-	-
2XY	3CX6	1	0.70	0.3	1.80	15.50	410	3.08	3.94	-	-	-	-
2XY	3CX10	7	0.70	0.3	1.80	17.00	530	1.83	2.34	-	-	-	-
2XY	3CX16	7	0.70	0.3	1.80	18.00	700	1.15	1.47	-	-	-	-
2XY	3CX25	7	0.90	0.3	2.00	21.00	935	0.7270	0.930	0.080	0.20	119	108
2XY	3CX35	7	0.90	0.3	2.00	23.00	1219	0.5240	0.671	0.080	0.23	144	132
2XY	3CX50	7	1.00	0.3	2.00	25.00	1578	0.3870	0.495	0.078	0.24	174	162
2XY	3CX70	19	1.10	0.4	2.20	29.00	2222	0.2680	0.343	0.077	0.26	210	198
2XY	3CX95	19	1.10	0.4	2.20	32.00	2948	0.1930	0.247	0.074	0.29	252	240
2XY	3CX120	19	1.20	0.4	2.20	35.00	3659	0.1530	0.196	0.072	0.29	288	276
2XY	3CX150	19	1.40	0.5	2.40	39.00	4511	0.1240	0.159	0.072	0.29	324	318
2XY	3CX185	37	1.60	0.5	2.60	43.00	5600	0.0991	0.127	0.072	0.29	360	366
2XY	3CX240	37	1.70	0.6	2.80	48.00	7249	0.0754	0.0965	0.072	0.31	414	426
2XY	3CX300	37	1.80	0.6	3.00	53.00	9001	0.0601	0.0769	0.071	0.33	462	480
2XY	3CX400	61	2.00	0.7	3.20	59.00	11429	0.0470	0.0602	0.070	0.33	510	546

TABLE 20

**YESHWANT WIRES 3.5 CORE ALUMINIUM CONDUCTOR XLPE INSULATED ARMoured CABLES CONFORMING TO
IS : 7098 (PART-I)**

Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of XLPE Insulation (Nom.) mm	Thickness of PVC Inner Sheath mm	Nominal Dimensions of Armour		Min. Thickness of Outer Sheath		Overall Diameter (Approx.)		Approx. Net Wt. of Cable		Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 90 oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance Ohm/Km	CURRENT RATINGS	
					Wire (mm)	Strips (mm)	Wire Armour	Strip Armour	Wire (mm)	Strips (mm)	Wire Armour	Strip Armour					Direct in Ground Amps	In Air Amps
A2xfy/A2xwy	3.5CX25	7/7	0.9 0.7	0.3	1.60	4X0.8	1.40	1.40	25	23	1110	870	1.2000	1.5400	0.080	0.20	94	96
A2xfy/A2xwy	3.5CX35	7/7	0.9 0.7	0.3	1.60	4X0.8	1.40	1.40	27	25	1290	1030	0.8680	1.1100	0.080	0.23	113	117
A2xfy/A2xwy	3.5CX50	7/7	1.0 0.9	0.3	1.60	4X0.8	1.56	1.40	30	28	1580	1230	0.6410	0.8200	0.078	0.24	133	142
A2xfy/A2xwy	3.5CX70	19/7	1.1 0.9	0.4	2.00	4X0.8	1.56	1.56	34	32	2170	1610	0.4430	0.5670	0.077	0.26	164	179
A2xfy/A2xwy	3.5CX95	19/7	1.1 1.0	0.4	2.00	4X0.8	1.56	1.56	38	35.0	2620	2000	0.3200	0.4100	0.074	0.29	196	221
A2xfy/A2xwy	3.5CX120	19/19	1.2 1.1	0.4	2.00	4X0.8	1.72	1.72	42	39	3160	2460	0.2530	0.3250	0.072	0.29	223	257
A2xfy/A2xwy	3.5CX150	19/19	1.4 1.1	0.5	2.00	4X0.8	1.88	1.72	46	43	3670	2840	0.2060	0.2650	0.072	0.29	249	292
A2xfy/A2xwy	3.5CX185	37/19	1.6 1.1	0.5	2.50	4X0.8	2.04	1.88	51	47	4780	3480	0.1640	0.2110	0.072	0.29	282	337
A2xfy/A2xwy	3.5CX240	37/19	1.7 1.2	0.6	2.50	4X0.8	2.20	2.04	57	53	5760	4290	0.1250	0.1620	0.072	0.31	326	399
A2xfy/A2xwy	3.5CX300	37/19	1.8 1.4	0.6	2.50	4X0.8	2.36	2.20	61	57	6790	5170	0.1000	0.1300	0.071	0.33	367	455
A2xfy/A2xwy	3.5CX400	61/37	2.0 1.6	0.7	3.15	4X0.8	2.68	2.52	71	66	9040	6480	0.0778	0.1023	0.070	0.33	418	530

TABLE 21													
YESHWANT WIRES 3.5 CORE ALLUMINIUM XLPE UNARMOURED POWER CABLES CONFORMING TO IS : 7098 (PART-I)													
Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of Insulation (Nom.) mm	Thickness of Inner Sheath mm	Thickness of Outer Sheath mm	Overall Diameter (Approx.) mm	Approx Net Wt. of Cable Kg/Km	Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 90 oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance mFd/Km	CURRENT RATINGS	
												Direct in Ground Amps	In Air Amps
A2xy	3.5CX25	7/7	0.90 0.70	0.3	2.00	22.00	600	1.2000	1.5400	0.080	0.20	94	96
A2xy	3.5CX35	7/7	0.90 0.70	0.3	2.00	25.00	720	0.8680	1.1100	0.080	0.23	113	117
A2xy	3.5CX50	7/7	1.00 0.90	0.3	2.00	27.00	910	0.6410	0.8200	0.078	0.24	133	142
A2xy	3.5CX70	19/7	1.10 0.90	0.4	2.20	31.00	1230	0.4430	0.5670	0.077	0.26	164	179
A2xy	3.5CX95	19/7	1.10 1.00	0.4	2.20	35.00	1550	0.3200	0.4100	0.074	0.29	196	221
A2xy	3.5CX120	19/19	1.20 1.10	0.4	2.20	38.00	2050	0.2530	0.3250	0.072	0.29	223	257
A2xy	3.5CX150	19/19	1.40 1.10	0.5	2.40	42.00	2300	0.2060	0.2650	0.072	0.29	249	292
A2xy	3.5CX185	37/19	1.60 1.10	0.5	2.60	47.00	2860	0.1640	0.2110	0.072	0.29	282	337
A2xy	3.5CX240	37/19	1.70 1.20	0.6	2.80	52.00	3610	0.1250	0.1620	0.072	0.31	326	399
A2xy	3.5CX300	37/19	1.80 1.40	0.6	3.00	57.00	4410	0.1000	0.1300	0.071	0.33	367	455
A2xy	3.5CX400	61/37	2.00 1.60	0.7	3.40	66.00	5650	0.0778	0.1023	0.070	0.33	418	530

TABLE 22																		
YESHWANT WIRES 3.5 CORE COPPER CONDUCTOR XLPE INSULATED ARMoured CABLES CONFORMING TO IS : 7098(PART-I)																		
Types	No of Cores & Cross sectional area Sq.mm	Min. No of wires	Thickness of XLPE Insulation (Nom.) mm	Thickness of PVC Inner Sheath mm	Nominal Dimensions of Armour		Min. Thickness of Outer Sheath		Overall Diameter (Approx.)		Approx. Net Wt. of Cable		Max. DC Resistance at 20 oC Ohm/Km	Max. AC Resistance at 90 oC Ohm/Km	Approx. Reactance 50 Hz Ohm/Km	Approx. Capacitance Ohm/Km	CURRENT RATINGS	
					Wire (mm)	Strips (mm)	Wire (mm)	Strip (mm)	Wire (mm)	Strips (mm)	Wire (mm)	Strip (mm)					Direct in Ground Amps	In Air Amps
2XFY/2XWY	3.5CX25/16	7/7	0.9 0.7	0.3	1.60	4X0.8	1.40	1.40	25	23	1583	1354	0.727	0.930	0.080	0.20	199	108
2XFY/2XWY	3.5CX35/16	7/7	0.9 0.7	0.3	1.60	4X0.8	1.40	1.40	27	25	1925	1680	0.524	0.671	0.080	0.23	144	132
2XFY/2XWY	3.5CX50/25	7/7	1.0 0.9	0.3	1.60	4X0.8	1.56	1.40	30	28	2468	2143	0.387	0.495	0.078	0.24	174	162
2XFY/2XWY	3.5CX70/35	19/7	1.1 0.9	0.4	2.00	4X0.8	1.56	1.56	34	32	3465	2931	0.268	0.343	0.077	0.26	210	198
2XFY/2XWY	3.5CX95/50	19/7	1.1 1.0	0.4	2.00	4X0.8	1.56	1.56	38	35	4426	3831	0.193	0.247	0.074	0.29	252	240
2XFY/2XWY	3.5CX120/70	19/19	1.2 1.1	0.4	2.00	4X0.8	1.72	1.72	42	39	5498	4831	0.153	0.196	0.072	0.29	288	276
2XFY/2XWY	3.5CX150/70	19/19	1.4 1.1	0.5	2.00	4X0.8	1.88	1.72	46	43	6473	5691	0.124	0.159	0.072	0.29	324	318
2XFY/2XWY	3.5CX185/90	37/19	1.6 1.1	0.5	2.50	4X0.8	2.04	1.88	51	47	8333	7100	0.0991	0.1270	0.072	0.29	360	368
2XFY/2XWY	3.5CX240/120	37/19	1.7 1.2	0.6	2.50	4X0.8	2.20	2.04	57	53	10435	9035	0.0754	0.0965	0.072	0.31	414	426
2XFY/2XWY	3.5CX300/150	37/19	1.8 1.4	0.6	2.50	4X0.8	2.36	2.20	61	57	12671	11126	0.0601	0.0769	0.071	0.33	462	480
2XFY/2XWY	3.5CX400/185	61/37	2.0 1.6	0.7	3.15	4X0.8	2.68	2.52	71	66	16498	14059	0.0470	0.0602	0.070	0.33	510	546

TABLE 23

**YESHWANT WIRES 3.5 CORE COPPER XLPE UNARMoured POWER
CABLES CONFORMING TO IS : 7098 (PART-I)**

Types	No of Cores & Cross sectional area	Min. No of wires	Thicknessof Insul ati on (Nom.)	Thicknessof Inner Sheath mm	Thicknessof Outer Sheath mm	Overall Diameter (Approx.) mm	ApproxNet Wt. of Cable Kg/Km	Max.DC Resistance at 20 oC Ohm/Km	Max.AC Resistance at 90 oC Ohm/Km	Approx. Reactance 50 Hz	Approx. Capacitance mFd/Km	CURRENT RATINGS	
												Direct in Ground Amps	In Air Amps
2xy	3.5CX25/16	7/7	0.90 0.70	0.3	2.00	22.00	1102	0.727	0.930	0.080	0.20	199	108
2xy	3.5CX35/16	7/7	0.90 0.70	0.3	2.00	25.00	1389	0.524	0.671	0.080	0.23	144	132
2xy	3.5CX50/25	7/7	1.00 0.90	0.3	2.00	27.00	1836	0.387	0.495	0.078	0.24	174	162
2xy	3.5CX70/35	19/7	1.10 0.90	0.4	2.20	31.00	2567	0.268	0.343	0.077	0.26	210	198
2xy	3.5CX95/50	19/7	1.10 1.00	0.4	2.20	35.00	3416	0.193	0.247	0.074	0.29	252	240
2xy	3.5CX120/70	19/19	1.20 1.10	0.4	2.20	38.00	4317	0.153	0.196	0.072	0.29	288	276
2xy	3.5CX150/70	19/19	1.40 1.10	0.5	2.40	42.00	5178	0.124	0.159	0.072	0.29	324	318
2xy	3.5CX185/90	37/19	1.60 1.10	0.5	2.60	47.00	6508	0.0991	0.1270	0.072	0.29	360	368
2xy	3.5CX240/120	37/19	1.70 1.20	0.6	2.80	52.00	8389	0.0754	0.0965	0.072	0.31	414	426
2xy	3.5CX300/150	37/19	1.80 1.40	0.6	3.00	57.00	10401	0.0601	0.0769	0.071	0.33	462	480
2xy	3.5CX400/185	61/37	2.00 1.60	0.7	3.40	66.00	13271	0.0470	0.0602	0.070	0.33	510	546

COMPARSION BETWEEN XLPE & PVC CABLES

S.No.	Properties	Unit	XLPE	PVC
1	Chemical Structure	-	Thermoset, cross linked	Thermoplastic, linear bonded
2	Polymer structure	-	Partial Crystalline	Amorphous
3	Temperature rating a) Operating b) Emergency overload c) Short Circuit	°C °C °C	90 130 250	70 70 120 160
4	Specific gravity	-	0.90 0.92	1.35-1.55
5	Cable Installation work	-	Easy due to less weight, less dia	-
6	Current carrying capacity	-	Approx 30% higher than PVC	-
7	Tensile Strength	N/mm2	13-16	15-20
8	El ongatio n	%	250-450	200-325
9	Ageing Resistance a) at 100 oC b) at 120 oC c) at 150 oC	- - -	Excellent Good Moderate	Moderate Poor Very Poor
10	Dielectric breakdown	Kv/mm	35-55	15-25
11	Volume resistivity	Ohm-cm	More than 10 ¹⁵	1 x 10 ¹³ - 5 x 10 ¹⁴
12	Thermal resistivity	°C cm/W	350	650
13	Dielectric constant at 20 oC	-	2.3	7.4
14	Power factor	-	0.0003	0.08
15	Minimum working temperature	°C	-40	-15
16	Deformation resistance at 150 oC	-	Good	Poor
17	Fungus resistance	-	Good	Poor
18	Moisture penetration resistance	-	Excellent	Good
19	Oil resistance	-	Excellent	Fail
20	Solvent resistance	-	Excellent	Poor
21	Acid resistance	-	Excellent	Fair
22	Alkali resistance	-	Excellent	Good
23	Health	-	Neutral	Toxic
24	Ultraviolet light resistance	-	Excellent	Good
25	Overall saving	-	More economic than PVC cable	--

TABLE 3	
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YESHWANT WIRES PAIN COPPER CONDUCTOR PVC INSULATED AND SHEATHED 650/1100 V MULTICORE FLEXIBLE CABLE AS PER IS 694/1990 WITH ISI MARK

[illegible]

*This size can be supplied in 48/0.2 Construction ** This size can be supplied in 80/0.2 Construction

*This size can be supplied in 48/0.2 Construction ** This size can be supplied in 80/0.2 Construction

TABLE 4	
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YESHWANT WIRES PAIN COPPER CONDUCTOR PVC INSULATED AND SHEATHED 650/1100 V MULTICORE FLEXIBLE CABLE

[illegible]

TABLE 5

YESHWANT WIRES MULTICORE ROUND FLEXIBLE CABLES (6 CORES TO 19 CORES) GENERALLY AS PER IS : 694/2010

AREA Sq.mm		0.50	0.75	1.00	1.50	2.50	4.00
General Consuction no./ dia		16/0.2	24/0.2	32/0.2	*30/0.25	**50/0.25	56/ 0.3
Conductor Dia in MM		0.94	1.20	1.34	1.64	2.08	2.61
Avg. Insulation Thickness in MM		0.60	0.60	0.60	0.60	0.70	0.80
Core Dia in MM.		2.20	2.50	2.60	2.90	3.50	4.30
No. of Cores							
6	Avg. Sheath thickness MM	0.90	1.00	1.00	1.00	1.10	1.20
	App. Overall Dia MM	8.50	9.50	9.80	10.70	12.70	15.30
7	Avg. Sheath thickness MM	0.90	1.00	1.00	1.00	1.10	1.20
	App. Overall Dia MM	8.50	9.50	9.80	10.70	12.70	15.30
8	Avg. Sheath thickness MM	1.00	1.00	1.00	1.10	1.20	1.30
	App. Overall Dia MM	9.30	10.40	10.70	11.90	14.10	16.90
10	Avg. Sheath thickness MM	1.00	1.10	1.10	1.10	1.30	1.40
	App. Overall Dia MM	10.80	12.20	12.60	13.80	16.60	20.00
12	Avg. Sheath thickness MM	1.00	1.10	1.10	1.10	1.30	1.40
	App. Overall Dia MM	11.20	12.60	13.00	14.30	17.20	20.70
14	Avg. Sheath thickness MM	1.10	1.10	1.10	1.20	1.30	1.40
	App. Overall Dia MM	12.00	13.30	13.70	15.20	18.10	21.80
16	Avg. Sheath thickness MM	1.10	1.20	1.20	1.20	1.40	1.50
	App. Overall Dia MM	12.60	14.20	14.60	16.00	19.30	23.20
19	Avg. Sheath thickness MM	1.10	1.20	1.30	1.30	1.40	1.50
	App. Overall Dia MM	13.20	14.90	15.60	17.10	20.30	24.50
24	Avg. Sheath thickness MM	1.20	1.30	1.30	1.40	1.40	1.50
	App. Overall Dia MM	15.60	17.60	18.20	20.20	23.80	28.80
30	Avg. Sheath thickness MM	1.30	1.30	1.30	1.40	1.40	1.50
	App. Overall Dia MM	16.80	18.70	19.30	21.50	25.70	30.60
	Max.Conductor Resistance in Ohm/Km at 20 oC	39.00	26.00	19.50	13.30	7.98	4.95
	Recommended Current Rating in AMP	4	7	11	14	19	26

*This size can be supplied in 48/0.2 Construction

** This size can be supplied in 80/0.2 Construction

TABLE 6						
YESHWANT WIRES HOUSE WIRING CABLES PLAIN ANNEALED COPPER CONDUCTORSINGLECOREPVC INSULATED AND UNSHEATHED F.I.A / T.A.C APPROVED						
Type	Size of Conductor		Size SWG	Thickness of Insulation inch	Overall Diameter inch	Current Rating Amp.
	Nominal area No. and dia of in Sq.inch	wires inch				
BSS : 2004 650/1100 VOLTS	0.0015	1/0.044	1/18	0.035	0.119	5
	0.0020	3/0.029	3/22	0.035	0.137	10
	0.0030	3/0.036	3/20	0.035	0.153	15
	0.0045	7/0.029	7/22	0.035	0.162	20
	0.0070	7/0.036	7/20	0.040	0.193	28
	0.0100	7/0.044	7/18	0.040	0.217	36
	0.0145	7/0.052	7/17	0.040	0.241	43
	0.0225	7/0.064	7/16	0.040	0.277	53
	Sq.mm	mm		mm	mm	
BSS : 6004 600/1000 VOLTS	1.0	1/1.13		0.80	2.9	11
	1.5	1/1.38		0.80	3.1	14
	2.5	1/1.78		0.80	3.5	19
	4.0	7/0.85		0.80	4.3	26
	6.0	7/1.04		0.80	4.9	31
	10.0	7/1.35		0.80	6.2	42

TABLE 7									
YESHWANT WIRES SINGLE CORE PVC INSULATED UNSHEATHED FLEXIBLE CABLES FOR HOUSE WIRING WITH COPPER CONDUCTOR F.I.A / T.A.C APPROVED									
Conductor Area in Sq.mm	Construction no./Dia Strand in mm	Conductor Dia in mm	Average thickness of Insu. in mm	Overall Dia in mm	Maximum Resistant per Km at 20 oC	Recommended Current Rating in Amp	Nearest Equivalent Sizes		
							SWG	INCH	MM
1.0	14/0.3	1.3	0.70	2.8	18.10	11	1/18	1/0.044	1/1.12
1.5	22/0.3	1.7	0.70	3.1	12.10	14	3/22	3/0.029	7/0.53
2.0	28/0.3	1.9	0.80	3.5	9.40	17	3/20	3/0.036	7/0.67
2.5	36/0.3	2.2	0.80	3.8	7.41	20	3/20	3/0.036	7/0.67
3.0	44/0.3	2.4	0.80	4.0	6.00	23	7/22	7/0.029	7/0.67
4.0	56/0.3	2.6	0.80	4.4	4.61	26	7/20	7/0.036	7/0.85
4.5	65/0.3	2.7	1.00	4.8	4.10	30	7/20	7/0.036	7/0.85

These sizes are not covered by IS : 694-1990 and hence will not carry ISI Mark.

LT AERIAL BUNCHED CABLES

The LT Aerial Bunched Cables consist of Insulated phase conductors (with additional street lighting conductor if provided) are twisted around the Bare/Insulated aluminium alloy messenger conductor, which takes all the mechanical stress and also serve as the earth cum neutral conductor.

The Phase conductor and street lighting conductor are insulated with Black weather resistant polyethylene or cross linked polyethylene.

LT AERIAL BUNCHED CABLES AS PER IS : 14255-1995 SIZE AND REQUIREMENT OF PHASE, STREETLIGHTING AND MESSENGER CONDUCTOR								
PHASE CONDUCTOR (ALUMINIUM)			STREET LIGHTING CONDUCTOR (ALUMINIUM)			MESSENGER CONDUCTOR (ALUMINIUM ALLOY)		
Nominal Area	Maximum Conductor D.C. Resistance at 20 Deg.C	Nominal Thickness of Insulation XLPE/PE	Nominal Area	Maximum Conductor D.C. Resistance at 20 Deg.C	Nominal Thickness of Insulation XLPE/PE	Nominal Area	Maximum Conductor D.C. Resistance at 20 Deg.C	Minimum Breaching load
Sq.mm	Ohm/Km	mm	Sq.mm	Ohm/Km	mm	Sq.mm	Ohm/Km	KN
16	1.91	1.2	16	1.91	1.2	25	1.38	7
25	1.20	1.2	16	1.91	1.2	25	1.38	7
35	0.868	1.2	16	1.91	1.2	25	1.38	7
50	0.641	1.5	16	1.91	1.2	35	0.986	9.8
70	0.443	1.5	16	1.91	1.2	50	0.689	14
95	0.320	1.5	16	1.91	1.2	70	0.492	19.7

COMPOSTION AND DESIGNATION OF LT AERIAL BUNCHED CABLES AS PER REC SPECIFICATION NO.32		
DESIGNATION	COMPLETE BUNCHED CABLES	
	APPROX OVERALL DIA mm	APPROX TOTAL MASS Kg/Km
3 x 16 +25	19	250
3 x 16 +16 + 25	19	310
3 x 25 +25	22	330
3 x 25+16 +25	22	390
3 x 35 +25	24	430
3 x 35 + 16 +25	24	490
3 x 50 + 35	32	580
3 x 50 + 16 + 35	32	640

The first part for phase conductor, middle for street lighting conductor and last for Bare Messenger conductor

LT AERIAL BUNCHED CONDUCTOR (ABC) POLYMERIC INSULATED AS PER BS 7870 (PY-5) 1999			
Nominal Cross Sectional Area of Conductor Sqmm	Maximum Conductor D.C. Resistance at 20 Deg.C Ohm/Km	Minimum Average Thickness of XLPE Insulation mm	Ultimate Tensile Strength of Conductor KN
25	1.20	1.3	4.1
35	0.868	1.3	5.6
50	0.641	1.5	7.6
700	0.443	1.5	11
95	0.320	1.7	15.3
120	0.253	1.7	19.4

CHARACTERISTICS OF CONDUCTOR AND CORES FOR LT AERIAL BUNCHED CABLES AS PER NF C 33-209									
DESIGNATION		CONDUCTOR					Average Thickness of Insulating Sheath Specified Value (mm)	Core	
TYPE	Nominal Cross Sectional Area Sqmm	Number of Strands	Maximum Linear Resistance at 20 Deg.C Ohm/Km	Minimum Conductor Diameter (mm)	Breaking Strength			Outside Diameter	
					Minimum (daN)	Maximum (daN)		Minimum (mm)	Maximum (mm)
Phase of Neutral Non Return	16	7	1.91	4.7	190	290	1.2	7.0	7.9
	25	7	1.20	6.0	300	450	1.4	8.7	9.6
	35	7	0.868	7.0	420	630	1.6	10.1	11.1
	50	7	0.641	8.2	600	900	1.6	11.3	12.3
	70	12	0.443	9.8	840	126	1.8	13.3	14.3
Neutral Return	54.6	7	0.63	9.2	1660	-	1.6	12.3	13.0

FLAT COPPER CONDUCTORS Made of bare, Tin-plated, silver-plated or nickelplated copper wire.

Nominal cross section mm ²	Ø of wire mm	Dimensions width x thickness mm	Construction	Net weight approx. kg/km
0.09		1 x 0.2	16 x 3	0.9
0.16		1.2 x 0.2	16 x 5	1.6
0.25	0.05	1.6 x 0.2	16 x 8	2.5
0.5	± 0.004	2.5 x 0.4	16 x 16	5
0.75		2.7 x 0.5	16 x 24	7.5
1		3.2 x 0.7	16 x 32	10
1.5		4 x 0.8	16 x 25	15
2		5 x 0.8	16 x 33	20
2.5		5.8 x 0.8	24 x 27	25
3	0.071	7.5 x 0.9	24 x 33	30
4	± 0.004	8.2 x 1	24 x 43	40
5.25		9.8 x 1.2	24 x 58	53
6		10 x 1.3	24 x 66	60
8		12.3 x 1.5	24 x 88	80
10		14 x 1.5	24 x 109	100
16		17.5 x 2	24 x 85	160
25		22 x 2.5	24 x 135	250
35		30 x 2.5	36 x 124	350
50		33 x 3.2	48 x 133	500
70		45 x 3.5	48 x 186	700
95		50 x 4	48 x 253	950
120	0.1	60 x 4	48 x 319	1,200
140	± 0.004	60 x 4.5	48 x 372	1,400
150		65 x 5	48 x 399	1,500
168		70 x 5	48 x 446	1,680
185		75 x 5	48 x 491	1,850
240		80 x 6.5	48 x 637	2,400
250		80 x 7	48 x 664	2,500
300		90 x 7	48 x 797	3,000
400		100 x 8.5	48 x 1,062	4,000

Bare / Tinned Copper Wire Braided Strips

Yeshwant Wires Manufactures best quality Copper Wire Braided Strips and Other Metal wire Braided Strips. Number of Strands of bright annealed copper wire bunched together & then braided into tubular hollow form and then flattened immediately on same machine to get required width & thickness.

These Flexible copper Flat Braids are availed in Bare Copper and with Tin or Silver Plating. Single Wire Gauge option is 27 SWG to 45SWG

Width MM	Thickness MM	Cross Section	Approx Weight	Item Code
		Sq.MM	100 Meters	Sr.No.
4	1	2	2	OBS -04 10
5	1	2.4	2.4	OBS -05 10
6	1	3.6	3.6	OBS -06 10
7	1	4.4	4.4	OBS -07 10
8	1	5	5	OBS -08 10
9	1	5.6	5.6	OBS -09 10
10	1	6.1	6.1	OBS -10 10
10	2	9.8	9.8	OBS -10 20
10	3	15.4	15.4	OBS -10 30
12	1	7	7	OBS -12 10
12	2	12	12	OBS -12 20
12	3	18.2	18.2	OBS -12 30
14	2	15	15	OBS -14 20
15	2	16.8	16.8	OBS -15 20
15	3	22.4	22.4	OBS -15 30
16	2	17.8	17.8	OBS -16 20
16	3	22.4	22.4	OBS -16 30
19	2	18.7	18.7	OBS -19 20
19	3	24.3	24.3	OBS -19 30
20	2	19.6	19.6	OBS -20 20
20	3	26.2	26.2	OBS -20 30
25	2	25.2	25.2	OBS -25 20
25	3	36.5	36.5	OBS -25 30
25	4	45	45	OBS -25 40
25	5	60.8	60.8	OBS -25 50
25	6	62.7	62.7	OBS -25 60
30	3	42.1	42.1	OBS -30 30
32	3	45	45	OBS -32 30
38	3	50.6	50.6	OBS -38 30
40	3	50.6	50.6	OBS -40 30
40	5	89.9	89.9	OBS -40 50
40	6	95.5	95.5	OBS -40 60
50	3	53.3	53.3	OBS -50 30
50	5	101.2	101.2	OBS -50 50
50	6	120.8	120.8	OBS -50 60
50	8	156	156	OBS -50 80

Bare/Tinned Copper Wire Stranded Conductor

Multiple Strands of Yeshwant Wire Pvt Ltd. Annealed soft copper wire are bunched all at once & then Stranded with stranding machines into different cores to get required flexible round ropes. Flexibility of each product can be adjusted depending upon customer's application & economy. Core structure of the product can also be changed as per customer's requirements.

Typical core patterns are 7 Core, 19 Core, 37 Core, 3 Core x 7 core, 3 core x 19 Core, 3 Core x 37 Core and 7 Core x 7 core.

Diameter	Cross section	Weight	Item Code
mm	Sqmm	100 Mtrs	Sr.No
1.5	1	1	OSR-0150
2	1.8	1.8	OSR-0200
2.5	3	3	OSR-0250
3	4.1	4.1	OSR-0300
4	6.5	6.5	OSR-0400
5	10.6	10.6	OSR-0 500
6	14.7	14.7	OSR-0 600
7	20.9	20.9	OSR-0 700
8	24.6	24.6	OSR-0 800
9	30.7	30.7	OSR-0 900
10	42.9	42.9	OSR-01 000
12	60.3	60.3	OSR-01 200
14	90.7	90.7	OSR-01 400
16	120.8	120.8	OSR-01 600
18	150.8	150.8	OSR-01 800
20	181.3	181.3	OSR-02 000
25	250.7	250.7	OSR-02 500

Bare/Tinned Copper Wire Braided Rope

Apart from customized braided copper wire strip and braided copper wire rope we also manufacture ready to fit easy to install fittings. These copper flexible bonding jumper or grounding braids are available with different types of copper lug fittings like copper tublar lugs, copper ring tongue lug, copper fork type lug etc. A proper copper lug is selected depending upon user requirement.

These copper lugs are usually tin plated. The copper braids are available in bare, tin and silver finish. Apart from regular copper lugs and copper braids these bonding jumper or grounding braids are available in Aluminum wire also.

Our Technical Details below

Wire Braided Strip

Cross Section Sqmm	Length (mm)	Stud Hole (mm)	item code Sr. No	Cross Section Sqmm	Length (mm)	Stud Hole (mm)	item code Sr. No
2.5	100	4 , 6	OL F-25 01	1.5	100	4 , 6	OL R-10 10
2.5	150	4 , 6	OL F-25 02	1.5	150	4 , 6	OL R-10 50
2.5	200	4 , 6	OL F-25 03	1.5	200	4 , 6	OL R-10 20
4	100	6 , 8	OLF-4100	2.5	100	4 , 6	OL R-25 10
4	150	6 , 8	OLF-4150	2.5	150	4 , 6	OL R-25 15
4	200	6 , 8	OLF-4200	2.5	200	4 , 6	OL R-25 20
6	100	6 , 8	OLF-6100	4	100	6 , 8	OLR -41 00
6	150	6 , 8	OLF-6150	4	150	6 , 8	OLR -41 50
6	200	6 , 8	OLF-6200	4	200	6 , 8	OLR -42 00
10	150	8 , 10	OLF-1 015	6	100	6 , 8	OLR -61 00
10	200	8 , 10	OLF-1 020	6	150	6 , 8	OLR -61 50
10	300	8 , 10	OLF-1 030	6	200	6 , 8	OLR -62 00
16	150	8 , 10	OLF-1 615	10	200	6 , 8	OLR -10 20
16	200	8 , 10	OLF-1 620	10	300	6 , 8	OLR -10 30
16	300	8 , 10	OLF-1 630	16	200	8 , 10	OLR -16 20
25	150	10 , 12	OL F-25 15	16	300	8 , 10	OLR-1630
25	200	10 , 12	OL F-25 20	25	200	8 , 10	OLR-2520
25	300	10 , 12	OL F-25 30	25	300	8 , 10	OLR-2530
35	300	12 , 16	OLF-3 530	35	300	10 , 12	OLR -35 30
35	500	12 , 16	OLF-3 550	35	500	10 , 12	OLR -35 50
50	300	12 , 16	OLF-5 030	50	300	10 , 12	OLR -50 30
50	500	12 , 16	OLF-5 050	50	500	10 , 12	OLR -50 50

Copper Wire Stranded Rope

Multiple Strands of Yeshwant wires annealed soft copper wire are bunched all at once & then stranded with stranding machines into different cores to get required flexible round rope. Flexibility of the each product can be adjusted depending upon customer's application & economy. Core structure of the product can also be changed as per customer's requirements. Typical core patterns are 7 core, 19 core, 37 core, 3 core x 7 core, 3 core x 19 core, 3 core x 37 core and 7 core x 7 core.

Diameter	Cross section	Weight	Item Code
mm	Sqmm	100 Mtrs	Sr.No
1.5	1	1	OSR-0150
2	1.8	1.8	OSR-0200
2.5	3	3	OSR-0250
3	4.1	4.1	OSR-0300
4	6.5	6.5	OSR-0400
5	10.6	10.6	OSR-0 500
6	14.7	14.7	OSR-0 600
7	20.9	20.9	OSR-0 700
8	24.6	24.6	OSR-0 800
9	30.7	30.7	OSR-0 900
10	42.9	42.9	OSR-01 000
12	60.3	60.3	OSR-01 200
14	90.7	90.7	OSR-01 400
16	1 20. 8	12 0.8	OSR-01 600
18	1 50. 8	15 0.8	OSR-01 800
20	1 81. 3	18 1.3	OSR-02 000
25	2 50. 7	25 0.7	OSR-02 500

Copper Wire Braided Flexible Connector

Copper wire braided straps (strips) are fitted into copper ferrules and the flattened using high capacity presses to get desired dimensions. Copper braided strips are available in bare copper, tinned copper and silver copper. Copper ferrules are available in bare copper, tinned copper and silver copper. Tin plated copper ferrules and tinned copper braids are most common in industry.

Apart from our standard sizes custom sizes can also be made as per customer request .Braids are also available in aluminum wires.

Cross Section	W X L	H L	H	Item Code
Sq.mm	mm	mm	mm	Sr.No
4	7 x 7	100	3	OPC -4100
4	7 x 7	125	3	OPC -4125
4	7 x 7	150	3	OPC -4150
4	7 x 7	200	3	OPC -4200
6	8 X 8	100	3,4	OPC -6100
6	8 X 8	125	3,4	OPC -6125
6	8 X 8	150	3,4	OPC -6150
6	8 X 8	200	3,4	OPC -6200
8	10 X 10	100	4,6	OPC -8100
8	10 X 10	150	4,6	OPC -8150
8	10 X 10	200	4,6	OPC -8200
10	14 X 14	100	6,8	OPC -1010
10	14 X 14	200	6,8	OPC -1020
10	14 X 14	250	6,8	OPC -1025
12	15 X 15	200	6,8	OPC -1220
12	15 X 15	250	6,8	OPC -1225
16	16 X 16	200	6,8	OPC -1620
16	16 X 16	250	6,8	OPC -1625
25	22 X 22	200	8,10	OPC -2520
25	22 X 22	300	10,12	OPC -2530
25	22 X 22	400	10,12	OPC -2540
35	25 X 25	200	10,12	OPC -3520
35	25 X 25	300	10,12	OPC -3530
35	25 X 25	400	10,12	OPC -3540
50	32 X 32	300	10,12	OPC -5030
50	32 X 32	400	12,16	OPC -5040
70	37 X 37	300	10,12	OPC -7030
70	37 X 37	400	12,16	OPC -7040
100	50 X 50	300	10,12	OPC -1003
100	50 X 50	400	12,16	OPC -1004

BARE / TINNED Copper Wire Mesh

We provide Bare/Tinned Copper Wire with Brightness and these are suitable for high speed and efficiency soldering equipment.

HEX offers a wide range of wire mesh, joint less and with uniform borders in various sizes, thickness and width as per customer requirements. The most commonly available sizes are :-

41swg X 32loops X 63mm width
36swg X 32 loops X 60mm width

Packing & Delivery Packing & Details :- Generally are carton and wooden . Also can be customized according to request of customer. Plastic bag ,carton and wooden box customized package available. Delivery Detail : 1 week to 1 month

Specifications

- * High quality
- * Lower price
- * Quick delivery
- * Can be customized according to the request of Customer

- * Single wire diameter : 0.10 mm ,0.12 mm
- * Width : 55 mm to 63 mm
- * Purpose : shielding purpose
- * RoHS compliant
- * Customization available for special dimension , shapes and structure.