

(WEF 4th June 2019)

ALUMINIUM ARMoured POWER CABLES

ALUMINIUM UN- ARMoured POWER CABLES

"POLYCAB" Brand Power Cables, Aluminum conductor , XLPE Insulated, PVC tape/Extruded Innersheathed for Multicore Cables, Armoured as per IS, PVC Type ST2 sheathed, 650/1100V grade as per IS 7098(Part 1) 1988

"POLYCAB" Brand Power Cables, Aluminum conductor, XLPE Insulated, PVC tape/Extruded Innersheathed for Multicore Cables , Unarmoured, PVC Type ST2 sheathed, 650/1100V grade as per IS 7098(Part 1) 1988

Cable Size in sq.mm	A2XWaY/ A2XFaY	A2XWY / A2XFY				Cable Size in sq.mm	A2XY				
	1 Core	2 Core	3 Core	3.5 Core	4 Core		1 Core	2 Core	3 Core	3.5 Core	4 Core
2.5		72	80		92						
4		78	86		99	4		51	55		61
6		91	100		113	6		57	65		77
10		108	126		141	10		68	84		99
16	71	124	134		161	16	39	81	107		132
25	91	139	181	203	220	25	55	114	156	178	190
35	103	161	215	242	269	35	64	135	187	213	237
50	125	200	272	314	347	50	84	174	245	283	311
70	160	268	366	427	470	70	111	233	339	390	433
95	180	344	454	515	573	95	151	313	419	485	543
120	216	409	543	644	702	120	189	374	518	609	677
150	257	494	670	762	865	150	229	454	642	735	840
185	314	616	819	951	1074	185	282	568	798	925	1043
240	385	801	1047	1197	1371	240	353	754	1021	1178	1337
300	469	976	1265	1467	1653	300	433	931	1255	1448	1635
400	589	1229	1608	1868	2100	400	569	1193	1576	1826	2062
500	807	1626	2179	2539	2850	500	677	1500	2054	2374	3678
630	942	2046	2889	3450	3856	630	807	1891	2721	3219	3613
800	1298					800	1131				
1000	1497					1,000	1330				
a) Round Wire Armouring (for armoured cables, 2 x 16, 3 x 16, 3.5CX25 & 4 x 10 & above)		25%				Cable Size (Sq.mm)	FRLS Loading Factor		LSZH		
b) Stranding 10 sq.mm and below		10%					Inner Sheath	Outer Sheath	Inner Sheath	Outer Sheath	
c) Extruded PVC Innersheath Up 50		5%				Upto 16	10%	15%	15%	20%	
Extruded PVC Innersheath 70& above		2.5%				25 - 50	7.5%	10%	12.5%	15%	
d) HR PVC Insulation		10%				70 & above	5%	7.5%	15%	12.5%	
e) HR PVC Inner Sheath		5%					Single Core Power (Al.)				
f) HR PVC Outer Sheath		5%				Upto 16	-N.A-	20%	-N.A-	25%	
g) Oxygen Index (FR)		2.5%				25 - 70	-N.A-	15%	-N.A-	20%	
h) PVC Insulated Cables		8%				95 & above	-N.A-	12.5%	-N.A-	17.5%	

Add: 501-505, A-Wing, Express Zone, W.E.H, Malad-(E), Mum- 97.
Tel: 022 6144 1600; Email: info@aakashpower.com; www.aakashpower.com

Rev.001 - 2nd March 2019