

POLYCAB

IDEAS. CONNECTED.

**A B Pal Electricals (P) Limited****Price List**

PCC LP No. 03/2024-25 Dtd : 10th October 2024

"POLYCAB" Brand Power Cables, Solid Aluminum conductor up to 10 sqmm balance stranded conductor, XLPE Insulated, cores laid up, PVC tape/Extruded Innersheathed for Multicore Cables , Armour (Aluminium wire for single core up to 70 sqmm balance Aluminium strip, Galvanised wire for cables upto 2x10 sqmm, 3x10 sqmm,4x6 sqmm balance all galvanised steel strip), extruded PVC Type ST2 sheathed, 650/1100V grade as per IS 7098(Part 1) 1988

Aluminium Armoured						
SERIAL NO.	CABLE SIZE IN SQMM	1 Core	2 Core	3 Core	3.5 Core	4 Core
		A2XWaY / A2XFaY	A2XWY / A2XFY	A2XWY / A2XFY	A2XFY	A2XWY / A2XFY
1.	2.5		175	195		217
2.	4		199	213		249
3.	6		241	263		314
4.	10		305	340		432
5.	16	196	347	366		462
6.	25	258	370	468	543	582
7.	35	312	462	618	687	783
8.	50	385	598	804	930	1046
9.	70	492	800	1103	1253	1421
10.	95	590	989	1358	1565	1772
11.	120	685	1180	1653	1960	2161
12.	150	816	1451	2030	2323	2656
13.	185	1003	1745	2514	2941	3268
14.	240	1239	2313	3210	3693	4219
15.	300	1525	2835	3966	4544	5201
16.	400	1926	3681	5070	5805	6687
17.	500	2399	4970	6668	8205	9245
18.	630	2961	6114	8899	10054	12135
19.	800	3639				
20.	1000	4475				

EXTRA FOR SPECIAL CONSTRUCTION:

*(Rate in Rs. Per Mtr.)

a) Round Wire Armouring	
- 2 x 16 & above	30%
- 3 x 16 & 3.5CX25 & above	30%
- 4 x 10 & above	30%
- For Single core 95 & above	30%
b) Stranding 10 sq.mm and below	10%
c) Extruded PVC Innersheath Up 50	7.5%
Extruded PVC Innersheath 70 & Above	4%
d) HR PVC Insulation	15%
e) HR PVC Inner Sheath	7.5%
f) HR PVC Outer Sheath	7.5%
g) Oxygen Index (FR)	4%
h) PVC Insulated Cables	12%

	CABLE SIZE IN SQMM	FRLS Loading Factor		LSZH	
		Inner Sheath	Outer Sheath(Armoured)	Inner Sheath	Outer Sheath
Power (Al.)	Upto 16	15%	11.5%	22.5%	30%
	25-50	11.5%	11.5%	18%	22.5%
	70 & above	7.5%	7.5%	22.5%	18%
Power Single Core (Al.)	Upto 16	NA	15%	NA	37.5%
	25-50	NA	15%	NA	30%
	70 & above	NA	11.5%	NA	26%

- The above rates are exclusive of GST which shall be charged extra.
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"POLYCAB" Brand Power Cables, Solid Aluminum conductor up to 10 sqmm balance stranded conductor, XLPE Insulated, cores laid up, PVC tape/Extruded Innersheathed for Multicore Cables, Unarmoured, extruded PVC Type ST2 sheathed, 650/1100V grade as per IS 7098(Part 1) 1988

Aluminium Unarmoured						
SERIAL NO.	CABLE SIZE IN SQMM	1 Core	2 Core	3 Core	3.5 Core	4 Core
		A2XY	A2XY	A2XY	A2XY	A2XY
1.	4		111	139		167
2.	6		155	184		225
3.	10		225	250		295
4.	16	109	228	283		374
5.	25	157	295	399	506	532
6.	35	203	387	549	594	659
7.	50	261	486	676	805	882
8.	70	360	699	973	1100	1266
9.	95	463	829	1184	1400	1509
10.	120	577	1033	1546	1800	1868
11.	150	713	1285	1818	2106	2313
12.	185	883	1532	2292	2693	2656
13.	240	1120	2004	2958	3296	3740
14.	300	1385	2449	3626	4271	4555
15.	400	1782	3056	4524	5337	5997
16.	500	2240	3898	6282	7365	8365
17.	630	2774	4963	8274	9770	11193
18.	800	3463				
19.	1000	4366				

EXTRA FOR SPECIAL CONSTRUCTION:

*(Rate in Rs. Per Mtr.)

a) Stranding 10 sq.mm and below	10%
b) Extruded PVC Innersheath Up 50	7.5%
Extruded PVC Innersheath 70 & Above	4%
c) HR PVC Insulation	15%
d) HR PVC Inner Sheath	7.5%
e) HR PVC Outer Sheath	7.5%
f) Oxygen Index (FR)	4%
g) PVC Insulated Cables	12%

	CABLE SIZE IN SQMM	FRLS Loading Factor		LSZH	
		Inner Sheath	Outer Sheath(Unarmed)	Inner Sheath	Outer Sheath
Power (Al.)	Upto 16	15%	11.5%	22.5%	30%
	25-50	11.5%	11.5%	18%	22.5%
	70 & above	7.5%	7.5%	22.5%	18%
Power Single Core (Al.)	Upto 16	NA	15%	NA	37.5%
	25-50	NA	15%	NA	30%
	70 & above	NA	12%	NA	26%

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**A B Pal Electricals (P) Limited****Price List**

PCC LP No. 03/2024-25 Dtd : 10th October 2024

"POLYCAB" Brand Power/Control Copper Cables, Solid Copper conductor upto 6sqmm balance Stranded, XLPE Insulated, cores laid up, PVC tape innersheathed for Multicore Cables, Unarmoured/Armour (Galvanised wire for cables up to 10 x 1.5 sqmm, 8 x 2.5 sqmm, 2 x 10 sqmm, 3 x 10 sqmm, 4 x 6 sqmm balance all galvanised steel strip), extruded PVC Type ST2 Sheathed, 650/1100 V grade as per IS 7098 (Part 1) 1988

Cooper Armoured							
CABLE SIZE IN SQMM	1 Core	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core
	2XWaY / 2XFaY	2XWY / 2XFY	2XWY / 2XFY	2XFY	2XWY / 2XFY	2XWY / 2XFY	2XWY / 2XFY
4		421	564	722	1016	1219	1411
6		576	796	1021	1366	1671	1919
10		920	1263	1653	2247		
16	820	1344	1976	2549	3082		

Control Cables (Rate in Rs. Per Mtr.)					
Number of Cores	2XWY/2XFY		Number of Cores	2XWY/2XFY	
	1.5 Sq.mm.	2.5 Sq.mm.		1.5 Sq.mm.	2.5 Sq.mm.
2	220	311	14	965	1509
3	274	401	16	1084	1714
4	339	502	19	1287	2021
5	406	599	24	1610	2528
6	475	708	27	1773	3014
7	531	805	30	1976	3624
8	684	928	37	2669	4233
10	773	1118	44	3183	4944
12	847	1299	61	4685	7168

EXTRA FOR SPECIAL CONSTRUCTION (CONTROL CABLES) :

*(Rate in Rs. Per Mtr.)

a) Tinning	3%
b) Stranding (Upto 6 SQ.MM)	4%
c) Extruded Innersheath	4%
d) Round Wire Armouring	
- 1C x 95 sq. mm & above	9%
- 1.5 sq.mm - 12 core & above	18%
- 2.5 sq.mm - 9 core & above	18%
- 10 sq.mm - 4 core & above	18%
- 16 sq.mm - 2 core & above	18%
- 16 sq.mm - 3 core & above	18%
e) Oxygen Index (FR)	4%
f) HR PVC Insulation	10%
- HR I/S & O/S	7.5% Each
g) FRLS Loading-Power Cable (upto 6 Sq.mm.)	11.5%
- FRLS Loading-Power Cable (10 Sq.mm. & above)	6%
h) PVC Insulated Cables	7.5%

Number of Cores	FRLS Loading Factor		LSZH	
	Inner Sheath	Outer Sheath(Armoured)	Inner Sheath	Outer Sheath
2 to 4 Core	7.5%	9%	22.5%	22.5%
5 to 10 Core	7.5%	6%	22.5%	22.5%
12 & above	7.5%	6%	18%	18%

As per the international practice which is also adopted by BIS, the size of the conductor is decided by its resistance only. The construction of the conductor mentioned in the price-list are only for guide-lines and are as per market convention, It may vary within the prescribed limit of IS:8130-1994,with related classes and tables.

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Price List

PCC LP No. 03/2024-25 Dtd : 10th October 2024

"POLYCAB" Brand Power/Control Copper Cables, Solid/Stranded Copper conductor, XLPE Insulated, cores laid up, PVC tape/PVC Extruded Innersheathed for Multicore Cables, Unarmoured, extruded PVC Type ST2 Sheathed, 650/1100 V grade as per IS 7098 (Part 1) 1988

Cooper Unarmoured				
CABLE SIZE IN SQMM	1 Core	2 Core	3 Core	4 Core
	2XY	2XY	2XY	2XY
4		358	510	631
6		508	737	892
10		886	1221	1457
16	686	1231	1895	2378

Control Cables (Rate in Rs. Per Mtr.)					
Number of Cores	2XY		Number of Cores	2XY	
	1.5 Sq.mm.	2.5 Sq.mm.		1.5 Sq.mm.	2.5 Sq.mm.
2	172	260	14	799	1436
3	238	364	16	962	1645
4	305	475	19	1152	1948
5	366	577	24	1459	2460
6	434	686	27	1595	2903
7	497	790	30	1893	3443
8	610	845	37	2553	4127
10	725	1014	44	3048	4921
12	762	1241	61	4459	6773

EXTRA FOR SPECIAL CONSTRUCTION (CONTROL CABLES) :

*(Rate in Rs. Per Mtr.)

a) Tinning	3%
b) Stranding (Upto 6 SQ.MM)	4%
c) Extruded Innersheath	4%
d) Oxygen Index (FR)	4%
e) HR PVC Insulation	10%
- HR PVC I/S & O/S	7.5% Each
f) FRLS Loading-Power Cable (upto 6 Sq.mm.)	11.5%
- FRLS Loading-Power Cable (10 Sq.mm. & above)	6%
g) PVC Insulated Cables	7.5%

Number of Cores	FRLS Loading Factor		LSZH	
	Inner Sheath(Unarmd)	Outer Sheath(Unarmd)	Inner Sheath	Outer Sheath
2 to 4 Core	7.5%	9%	22.5%	22.5%
5 to 10 Core	7.5%	6%	22.5%	22.5%
12 & above	7.5%	6%	18%	18%

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"POLYCAB" Brand Power/Control Copper Cables, Solid Copper conductor upto 6sqmm balance Stranded, XLPE Insulated, cores laid up, PVC tape innersheathed for Multicore Cables, Unarmoured/Armour (Galvanised wire for cables up to 10 x 1.5 sqmm, 8 x 2.5 sqmm, 2 x 10 sqmm, 3 x 10 sqmm, 4 x 6 sqmm balance all galvanised steel strip), extruded PVC Type ST2 Sheathed, 650/1100 V grade as per IS 7098 (Part 1) 1988



Cooper Armoured						
CABLE SIZE IN SQMM	1 Core	2 Core	3 Core	3.5 Core	4 Core	5 Core
	2XWaY / 2XFaY	2XWY / 2XFY	2XWY / 2XFY	2XFY	2XWY / 2XFY	2XWY / 2XFY
25	1199	2313	3157	3784	4162	5676
35	1628	3169	4281	4961	5648	7686
50	2201	4139	5851	6906	7828	10524
70	3091	6149	8514	9713	11092	16555
95	4108		11636	13449	15846	
120	5169		14923	18329	20015	
150	6431		18979	22172	25424	
185	7906		24123	28226	32223	
240	10158		31336	36433	41569	
300	12665		39496	45676	52858	
400	16555		50729	57730	70667	
500	20930					
630	26370					
800	33465					
1000	41742					

*(Rate in Rs. Per Mtr.)

POLYCAB Brand Power/Control Copper Cables, Solid/Stranded Copper conductor, XLPE Insulated, cores laid up, PVC tape/PVC Extruded Innersheathed for Multicore Cables, Unarmoured, extruded PVC Type ST2 Sheathed, 650/1100 V grade as per IS 7098 (Part 1) 1988

Cooper Unarmoured					
CABLE SIZE IN SQMM	1 Core	2 Core	3 Core	3.5 Core	4 Core
	2XY	2XY	2XY	2XY	2XY
25	1088	2148	2986	3557	3910
35	1505	2975	4004	4678	5359
50	2061	4080	5505	6614	7318
70	2935	5818	8081	9343	10613
95	4001		11396	13386	15306
120	5044		13952	17738	19866
150	6302		18684	21581	24833
185	7734		23059	26961	30745
240	9992				
300	12464				
400	16378				
500	20694				
630	26015				
800	33110				
1000	41388				

*(Rate in Rs. Per Mtr.)

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**EXTRA FOR SPECIAL CONSTRUCTION (CONTROL CABLES) :**

a) Tinning	3%
b) Stranding (Upto 6 SQ.MM)	4%
c) Extruded Innersheath	4%
d) Round Wire Armouring	
- 1C x 95 sq. mm & above	9%
- 10 sq.mm - 4 core & above	18%
- 16 sq.mm - 2 core & above	18%
- 16 sq.mm - 3 core & above	18%
e) Oxygen Index (FR)	4%
f) HR PVC Insulation	10%
- HR I/S & O/S	7.5% Each
g) FRLS Loading-Power Cable (10 Sq.mm. & above)	6%
h) PVC Insulated Cables	7.5%

As per the international practice which is also adopted by BIS, the size of the conductor is decided by its resistance only. The construction of the conductor mentioned in the price-list are only for guide-lines and are as per market convention, It may vary within the prescribed limit of IS:8130-1994, with related classes and tables.

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"POLYCAB" Brand Stranded Compact Circular Aluminium Conductor, Conductor Screen With Extruded Semi Conducting Compound, XLPE Insulated, Insulation Screening with extruded Semi Conducting Compound in combination with Copper Tape, cores laid up, innersheath of PVC tape, galvanised flat steel strip armoured and overall PVC Sheathed Cable conforming to IS 7098 / (PART-II) 1985 with latest amendments.

3 Core HT Cables						
SIZE IN SQMM	3.3 KV (UE) / 6.6 KV (E)	6.6 KV (UE) / 11 KV (E)	11 KV (UE)	22 KV (E)	33 KV (E)	33 KV (UE)
35		1511				
50		1806				
70	2031	2201				
95	2292	2496	3374	3443	4561	
120	2775	3013	3791	3869	5143	
150	3258	3530	4348	4437	5528	5981
185	3737	4025	4908	5009	6171	6652
240	4556	4877	5794	5912	7289	7715
300	5446	5769	6793	6932	8228	9056
400	6907	7218	8240	8407	9973	10487

EXTRA FOR SPECIAL CONSTRUCTION:

*(Rate in Rs. Per Mtr.)

a) Extruded PVC Inner Sheath	4.5%
b) Pressure Extruded PVC Innersheath	19.5%
c) Round Wire Armouring - Up to 11 KV (E)	30%
- 11 KV (UE) & Above	33%
d) FRLS PVC Inner Sheath	7.5%
f) FRLS PVC Outer Sheath	7.5%
g) FR Sheath with Oxygen Index	4.5%

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"POLYCAB" Brand Stranded Compact Circular Aluminium Conductor, Conductor Screen with extruded semi conducting compound, XLPE insulated, insulation screening with extruded semi conducting compound in combination with Copper tape, AL flat strip / round armoured and overall PVC sheathed cable conforming to IS 7098 / (PART-II) 1985 with latest amendments.

1 Core HT Cables													
CABLE SIZE IN SQMM	3.3 KV (UE) / 6.6 KV (E)		6.6 KV (UE) / 11 KV (E)		11 KV (UE)		22 KV (E)		33 KV (E)		33 KV (UE)		
	Al. Flat Strip Armoured	Al. Round Armoured	Al. Flat Strip Armoured	Al. Round Armoured	Al. Flat Strip Armoured	Al. Round Armoured	Al. Flat Strip Armoured	Al. Round Armoured	Al. Flat Strip Armoured	Al. Round Armoured	Al. Flat Strip Armoured	Al. Round Armoured	
240	1637	1717	1799	1889	2037	2144	2085	2195	2681	2826	3070	3235	
300	1875	1979	2063	2178	2321	2443	2374	2500	3170	3340	3412	3595	
400	2280	2402	2474	2604	2755	2897	2816	2962	3637	3821	3849	4049	
500	2910	3066	3016	3170	3461	3640	3461	3640	4285	4514	4467	4707	
630	3515	3703	3610	3799	4089	4299	4089	4299	4984	5244	5189	5459	
800	4369	4594	4429	4790	4899	5157	4899	5157	5898	6206	6155	6472	
1000	5168	5440	5675	5978	6072	6385	6072	6385	7217	7566	7757	8164	

EXTRA FOR SPECIAL CONSTRUCTION:

*(Rate in Rs. Per Mtr.)

a) FRLS PVC Inner Sheath	11.5%
b) FRLS PVC Outer Sheath	7.5%
c) Oxygen Index	4.5%

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