

Industrial **WIRES AND CABLES** MANUFACTURE



Product PRICE LIST
w.e.f. 04/22/2025



Single Core, unsheathed cables in voltage grade upto 1100V

Nominal area of Conductor Sq. mm.	Number/ Nom. Dia Of Wire mm.	Thickness of Insulation mm.	Approx. Overall Diameter	Current carrying capacity # 2 cables, single phase		Resistance (max) per Km @ 20 C°
				In conduit/ Trunking Amps	Unenclosed-clipped directly to a surface or on cable tray Amps	
0.75	24/.2**	0.6	2.6	7	8	26.00
1.0	14/.3*	0.7	2.8	11	12	18.10
1.5	22/.3*	0.7	3.1	13	16	12.10
2.5	36/.3*	0.8	4.0	18	22	7.41
4.0	56/.3**	0.8	4.8	24	29	4.95
6.0	84/.3**	0.8	5.3	31	37	3.30

Standard Colours : Black, Red , Blue, yellow and green(for earthing)

*Cond class-2

*Cond class-5

PVC Copper Multistrand Cable(T-1)

FR-PVC Insulated Multi Strand Copper Conductor Flexible cables upto 1100 volts as per IS:694/2010

Strings/mm	Sq.mm	90M -FR	FRLS/HRFR	ZHFR	180M-FR	45M-FR
16/.20	0.5	1537	1690	1844	3042	784
24/.20	0.75	2268	2495	2721	4490	1157
14/.3	1	3009	3310	3611	5958	1535
22/.3	1.5	4644	5109	5573	9196	2369
36/.3	2.5	7480	8228	8976	14810	3815
56/.3	4	11407	12548	13688	22586	5818
84/.3	6	17088	18796	20505	33833	8715
80/.4	10	26776	29453	32131	53016	13656

100 mtr.Coils

Strings/ mm	Sq.mm	100m box	FRLS/HRFR	
126/.4	16	47177	55669	100M
196/.4	25	73204	86380	100M
276/.4	35	102831	121340	100M
396/.4	50	148094	174751	100M
360/.5	70	210608	248518	100M
475/.5	95	279663	330002	100M
605/.5	120	360390	425260	100M
760/.5	150	452891	534412	100M
925/.5	185	552488	651936	100M
1221/.5	240	734550	866769	100M
1527/.5	300	913423	1077840	100M

Submersible Cable(T-3)

Sq.mm	Strings/mm	ATC-RATE	POLO-RATE	LENGTH
1.5	22/.3	124	105	500M
2.5	36/.3	195	164	500M
4	56/.3	303	251	500M
6	84/.3	465	388	500M
10	80/.4	782	-	500M
16	126/.4	1200	-	500M
25	196/.4	1887	-	500M
35	276/.4	2654	-	500M
50	396/.4	3805		500M

PVC Round Flexible Cables 1100 volts (100 mtr Coil Packing) T-2

FR-PVC Insulated Multi Strand Copper Conductor Flexible cables and PVC insulated Round Flexible Sheathed multi cores cables upto 1100 volts as per IS:694/2010(T-2)

Sq.mm	Strings/mm	2 Core	3 core	4 core
0.5	16/.20	3077	4493	6063
0.75	24/.20	4463	6189	8445
1	32/.20	5542	8007	10778
1.5	80/.2	7853	11091	14635
2.5	128/.2	12323	18025	24034
4	56/.3	21163	30458	40206
6	84/.3	31050	46269	59803
10	80/.4	51093	77864	98707
16	126/.4	80915	119381	162443
25	196/.4	118039	181654	244656
35	276/.4	-	-	338876
50	396/.4	-	-	479287

PVC insulated and sheathed Parallel /Flats/Speaker Cables (90m) (T-4)

Size	Strings/mm	Parallel	Speaker	Flat	Flexible
0.5	16/.20	3163	2782	3099	2336
0.75	24/.20	4333	4073	4247	3472
1	32/.20	5436	5564	5327	4544
1.5	48/.2	7640	8097	7488	6688
Parallel Flat and Speaker Cables 90M					
23/.0052	23/.132	2282	2188	2152	1251
14/.0052	14/.132	1429	1237	1419	1952
40/.0052	40/.132				3401

Coaxial Cables(T-5)

SIZE	Braided	CC Steel	Copper	Length
1/.91mm	128/96	2468	5050	90m

PVC Round Flexible Cables (90MTR) (T-6)

Size	2 Core	Packing	3 core	Packing
14/.0052	1825	10 Coils	-	-
23/.0052	2530	8 Coils	3630	7 Coils
40/.0052	4270	6 Coils	6105	5 Coils
70/.0052	6000	5 Coils	9784	4 Coils

Round Flexible Multi Core Cables(T-7)

No of Cores	.50 sq. mm.	.75 sq. mm.	1.0 sq. mm.	1.50 sq. mm.	2.50 sq. mm.
5	69	97	123	165	275
6	83	116	148	201	330
7	97	135	173	234	385
8	113	158	201	273	448
10	141	197	251	341	560
12	170	236	302	410	673
14	202	281	358	487	799
16	230	321	410	556	913
19	274	381	486	660	1085
20	296	412	526	714	1173
24	355	494	631	857	1407

Round Flexible Shielded Cables(T-7A)

Sq. mm	string/mm	2 Core	3 core	Packing Mtr
0.5	16/.20	4,520	6595	100
0.75	24/.20	6,693	9059	100
1	32/.20	8114	11709	100
1.5	48/.20	11,477	16,175	100
2.5	80/.20	17972	26264	100

Al. Conductor Cable Solid(100 Mtr Coils) (T-8)

Area in Sq.mm	Strings/ mm	Unsheathed	Sheathed	180M
1.5	1/1.40	546	893	1655
2.5	1/1.78	810	1235	2342
4	1/ 2.24	1194	1642	3447
6	1/ 2.80	1854	2307	4681
10	1/ 3.55	2703	3556	7210

Copper Flexible 90M(Heavy) 90m ATC Pro (T-10)

Size	Weight	Price	Packing
14/.0052	1.2	1251	30
23/.0052	1.6	1952	16
40/.0052	2.6	3401	12

Alloy Flexible 80m(T-10)

Size	Weight	Price	Packing
20/76	1.4	406	30
35/76	2.4	701	20
30/76-70y	1.7	486	20

Copper Flexible Polo Brand 90 M(T-10)

Size	Weight	Price	Packing
20/42	1.5	791	0
35/42	2.4	1335	0
40/42	3.5	2387	0

Pvc Insulated And Sheathed Aluminum cables T-9

Area in Sq.mm	Strings/ mm	Un sheathed	BLACK- CTS sheathed- 100M	White sheathed- 100M	Twin/ BTC100M	Twin/ BTC500M
1.5	3/.080	647	1024	890	1727	8636
2.5	3/1.06	994	1412	1264	2412	12062
4	7/.85	1453	2001	1765	3653	18265
6	7/1.06	1983	2692	2384	4840	24200
10	7/1.35	3247	3967	3653	7279	36397
16	7/1.70	4824	5761	5531	10628	53141
25	7/2.14	7432	8964	7860		
35	7/2.50	11032	12904	-		
50	7/2.80	14205	15941	-		
70	19/2.14	20938				
95	19/2.50	29655				
120	19/2.90	39056				
150	37/2.26	44410				
185	37/2.5	60717				
240	37/2.8	73833				

Polo Pvc Ins. Stranded Al. Conductor Cables (90mtr Coils) (T-11)

Size	String/ guage	Un sheathed	BTC 90M	Packing	BTC 450M	BTC Solid	BTC 90M	Packing
1.5	3/.028	568	2591	8	12954			
2.5	3/.034	860	3433	7	17167	1/1.65	1858	7
4	7/.028	1141	4853	6	24265	1/1.90	2352	6
6	7/.034	1895	6876	5	34380	1/2.35	3386	5
10	7/.040	2396	8785	4	43925	1/2.7	5176	4

SOLAR CABLES(DC CABLES)90M

Size(SQMM)	Bare copper(per 90 meter)	Tinned copper(per 90 meter)
1.5(22/.280)	4,734	5,091
2.5(36/.280)	7,392	8,091
4.0(56/.280)	11,173	12,116
6.0(84/.280)	16,381	17,809
10.0(80.36)	25,476	28,050
16.0(126/.36)	39,527	43,641

Power Cables

ATC PRO Lt Power Cables, Ai , Conductor Upto 10 Sqmm Balance Standard Conductor , Xlpe Insulated, Cores Laid Up, Pvc Tape Inner Sheathed, Unarmoured/ Armoured Aluminium Wire, Up To 70 Sq MmBal Aluminium Strip / Galvanised Wire And Strip For Single Core Up To 650/1100 V Grade As Per Is:7098/ 1988(part-1) With Up To Date Amendments(t-12)

(Aluminium Unarmoured)

Area in Sq.mm	Core 1 A2XY	Core 2 A2XY	Core 3 A2XY	Core 3.5 A2XY	Core 4 A2XY
2.5		107	136		
4		117	146		167
6		163	193		225
10		236	263		295
16	114	239	297		374
25	165	310	436	552	553
35	213	406	576	624	659
50	261	510	710	845	882
70	360	734	1022	1155	1266
95	463	870	1243	1470	1509
120	577	1085	1672	1890	1924
150	713	1349	1967	2211	2382
185	883	1609	2479	2828	2949
240	1120	2104	3199	3461	3852
300	1385	2571	3922	4485	4692
400	1782	3209	4893	5604	5997

(Aluminium Armoured)

Area in Sq.mm	Core 1 A2ZWAY A2XFAY	Core 2 A2ZWAY A2XFAY	Core 3 A2ZWAY A2XFAY	Core 3.5 A2ZWAY A2XFAY	Core 4 A2ZWAY A2XFAY
2.5		175	195		251
4		199	213		261
6		241	263		330
10		305	340		454
16	196	347	366		485
25	258	370	487	593	635
35	312	462	618	721	822
50	385	598	804	977	1046
70	492	800	1103	1316	1421
95	590	989	1358	1643	1772
120	685	1180	1703	2058	2226
150	816	1451	2091	2439	2736
185	1003	1745	2589	3088	3366
240	1239	2313	3306	3878	4346
300	1585	2835	4085	4771	5357
400	1926	3681	5222	6095	6687

ATC PRO Power Copper Cables, Solid Copper Conductor, Up To 6 Sqmm & Balance Staranded Copper, Xlpe Insulated Pvc Insulated , Cores Laid Up, Pvc Tape Inner Shathed, Unarmoured/ Aramoured Pvc Type St2 Sheathed, 1100v Grade As Per Is:7098/1988 (part-1)

(Copper Unarmoured) (T-13)

Area in Sq.mm	Core 1 2XY	Core 2 2XY	Core 3 2XY	Core 3.5 2XY	Core 4 2XY
4		357	508		628
6		521	750		924
10		903	1272		1481
16	669	1273	1847		2318
25	1074	2120	2947	3511	3859
35	1486	2937	4106	4727	5529
50	2034	4027	5582	6686	7392
70	2897	5742	8222	9645	10921
95	3949	7849	11764	13691	15315
120	4978	9920	13771	17508	19608
150	6220	12372	18441	21300	24510
185	7634	14945	22759	26610	30345
240	9862	19135	29744	34747	40209

(Copper Armoured) (T-14)

Area in Sq.mm	Core 1 2XY	Core 2 2XY	Core 3 2XY	Core 3.5 2XY	Core 4 2XY
4		419	561		719
6		590	809		1058
10		937	1316		1680
16	800	1390	1926		2485
25	1183	2283	3116	3735	4108
35	1607	3128	4389	5013	5828
50	2172	4086	5933	6983	7907
70	3051	6069	8663	10028	11414
95	4055	8386	12012	13755	15855
120	5102	10000	14729	18090	19755
150	6347	12520	18732	21884	25094
185	7804	15498	23810	27859	31805
240	10026	19966	30929	35959	41029

Atc Pro Power /Copper Cables (T-15)

ATC PRO Brand Copper Control Cables, Solid Copper Conductor upto 6 sq. mm & Balance Stranded Copper, XLPE Insulated, Cores Laid Up, PVC Innersheathed, Unarmoured/Armoured (Galvanised wire for cables up to 10CX1.5 sq. mm, 8CX2.5 sq. mm & balance all galvanised steel strip), Extruded PVC Type ST2 Sheathed, 650 V/1100 V Grade as per IS 7098 (Part 1) 1988.

Number of cores	UN ARMoured 2XY		ARMoured - 2XWY/2XFY		Number of cores	UN ARMoured 2XY		ARMoured - 2XWY/2XFY	
	1.5 sq. mm	2.5 sq. mm	1.5 sq. mm	2.5 sq. mm		1.5 sq. mm	2.5 sq. mm	1.5 sq. mm	2.5 sq. mm
2	170	258	218	309	14	838	1514	1012	1590
3	241	360	278	398	16	1004	1735	1131	1807
4	309	486	343	514	19	1201	2052	1342	2128
5	376	608	417	631	24	1521	2591	1679	2663
6	452	721	496	743	27	1680	2878	1867	2987
7	512	822	547	838	30	1994	3412	2082	3592
8	624	931	699	1023	37	2583	4091	2701	4196
10	745	1068	795	1177	44	3021	4878	3155	4900
12	795	1307	884	1368	61	4420	6713	4644	7105

Extra For Special Construction (for ATC Cables)

A) Round Wire Armouring	
- 2CX16sq.mm & Above	30.00%
-3CX16sq.mm&3.5Cx25Sq.mm& above	30.00%
-4CX10sq.mm & Above	30.00%
-For Single core 95sq.mm & above	30.00%
b) Stranding 10sq.mm and below	10.00%
C) Extruded PVC Inner sheath Up 50 sq.mm	7.50%
Extruded PVC Innersheath 70sq.mm & above	4.00%
d) HR PVC Insulation	15.00%
e) HR PVC Inner sheath	7.50%
f) HR PVC Outer sheath	7.50%
g) Oxygen Index(FR)	4.00%
h) PVC Insulated cables	12.00%

FRLS Loading Factor – Control Cable				LSZH Loading	
Cable Type (sq.mm)	Inner sheath	Outer Sheath		Inner Sheath	Outer Sheath
		Armd.	Unarmd.		
Power(Al.)					
Up to 16Sq.mm	15%	11.5%	11.5%	22.5%	30%
25 Sq. mm–50sq. mm	11.5%	11.5%	11.5%	18.0%	22.5%
70Sq.mm & above	7.5%	7.5%	7.5%	22.5%	18.0%
Power Single Core(Al.)					
Up to 16Sq.mm	NA	15.0%	15.0%	NA	37.5%
25 Sq. mm–50sq. mm	NA	15.0%	15.0%	NA	30%
70Sq.mm & above	NA	11.5%	11.5%	NA	26.0%

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