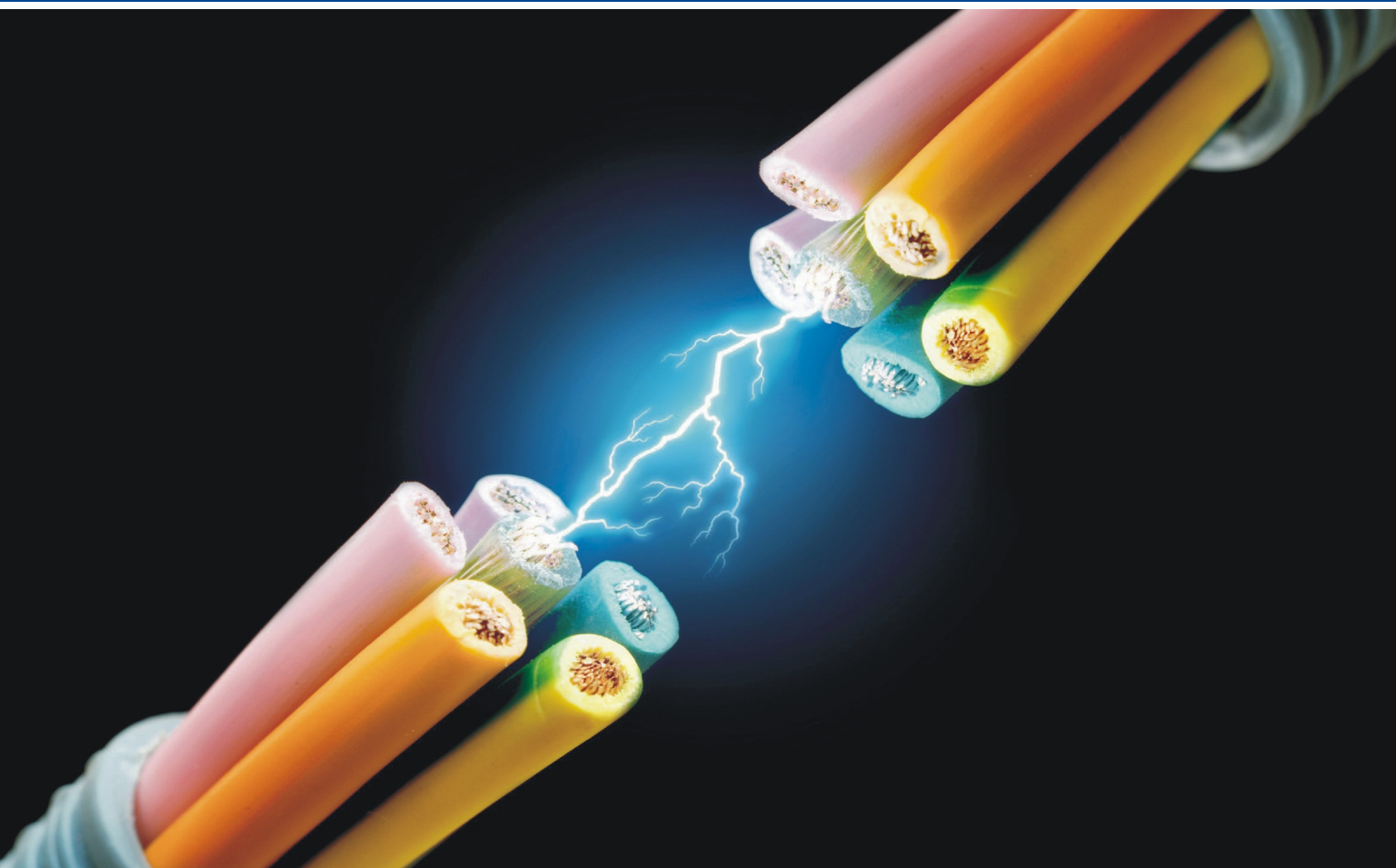




INTRODUCTION

Strength Cables is one of the Leading Manufacturers of Electric Cables. With over one decade of Expertise in the field of wire and cables we have grown to be a trustworthy and reliable source for Quality in the Building Wire and Power Cable Industry.

Strength Cables Products are manufactured to perform their best in the harshest of weather. Our manufacturing plant is Equipped with the latest technology of cable industry closely supervised by an Excellent Quality Control and Quality Assurance system.

With the use of the modern technology and latest standards of present time we feel proud to claim that etc is the one of the best Electrical Manufacturer in the Market.

Imported cable grade material is used in Manufacturing because if Copper doesn't have 100% Conductivity Cable will have less Conductivity and Greater Resistance which means increased the Electricity Bill. This is the reason that our Growth and Operational Excellence has been Awarded with strong business competences that have served as a Solid Foundation for Our Expansion. The company has been certified with:

- ▶▶ PCSIR Laboratory Lahore, Pakistan. (PCSIR)
- ▶▶ University of Engineering & Technology Lahore. (UET)
- ▶▶ University of Engineering & Technology Taxila. (UET)
- ▶▶ Pakistan Standard & Quality Control Authority. (PSQCA)
- ▶▶ ISO Certified

VISION

To be one of the most progressive institutions in Cable Industry by providing Superior Quality Products to our Clientele in Good manner.



MISSION



Strength Cables committed to providing the highest Quality products, competitively priced, with services exceeding our Customers' expectations. We will continue to invest in facilities, systems and highly trained technical personnel providing added value to our business Relationships.

QUALITY POLICY

To attain the highest level of customer satisfaction through provision of quality products, continuous improvement of quality management systems and catering to customer needs in a timely and efficient manner.



PRODUCT RANGE

- ▶▶ Building Wire & Cables
- ▶▶ Low Tension (L.T.) Cables
0.5mm-630mm (Voltage grade 250/440 V, 300/500V, 500/750)
- ▶▶ Power Cables Low Tension (Armored/Unarmored)
2.5mm-1000mm (for single Core)
Voltage grade 600/1000 V, 1900/3300 V
2.5mm-400mm (for multi core)
- ▶▶ Telecommunication Cables
Upto 100 pairs (Conductor size 0.6 mm)
- ▶▶ RG-type Coaxial Cables
RG-6, RG-7, RG-11
- ▶▶ Cable for Wind & Solar Energy
- ▶▶ Customized Cables (User Specified)



CURRENT CARRYING CAPACITY (IN AMPERES)

Table 1: Single-core copper conductor, 70°C PVC insulated, non-armored, with or without sheath cables. Ambient air temperature: 30°C, Ambient ground temperature: 20°C, Soil thermal resistivity (cable buried in ground): 2.5K.m/W.

Conductor Cross- Sectional Area	Reference Method A (enclosed in conduit In thermally insulating Wall etc)		Reference Method B (enclosed in conduit On wall or in trunking etc)		Reference Method C (clipped)
	2 Cables , Single- Phase a.c. or d.c.	3 or 4 Cables, 3-Phase a.c.	2 Cables, Single- Phase a.c. or d.c.	3 or 4 Cables, 3- Phase a.c.	2Cables Single- Phase a.c. Flange and Touching
mm ²	A	A	A	A	A
1.0	11	10.5	13.5	12	15.5
1.5	14.5	13.5	17.5	15.5	20
2.5	20	18	24	21	27
4	26	24	32	28	37
6	34	31	41	36	47
10	46	42	57	50	65
16	61	56	76	68	87
25	80	73	101	89	114
35	99	89	125	110	141
50	119	108	151	134	182
70	151	136	192	171	234
95	182	164	232	207	284
120	210	188	269	239	330
150	240	216	300	262	381
185	273	245	341	296	436
240	321	286	400	346	515
300	367	328	458	394	594
400	-	-	546	467	694
500			626	533	792
		-	720	611	904

Reference Method C (Cables spaced direct)		Reference Method F (n free air or on a perforated cable tray horizontal or vertical)				
		Touching			Spaced by One Cable Diameter	
	3 or 4 Cables, 3-Phase a.c. Flat and Touching or Trefoil	2 Cables, Single- Phase a.c. or d.c. Flat	3 Cables, 3- Phase a.c. Flat	3 Cables, 3- Phase a.c. Trefoil	2 Cables, Single -Phase a.c. or d.c., or 3 Cables, 3-Phase a.c. Flat	
					Horizontal	Vertical
	A	A	A	A	A	A
	14	-	-	-	-	-
	18	-	-	-	-	-
	25	-	-	-	-	-
	33	-	-	-	-	-
	43	-	-	-	-	-
	59	-	-	-	-	-
	79	-	-	-	-	-
	104	131	114	110	146	130
	129	162	143	137	181	162
	167	196	174	167	219	197
	214	251	225	216	281	254
	261	304	275	264	341	311
	303	352	321	308	396	362
	349	406	372	356	456	419
	400	463	427	409	521	480
	472	546	507	485	615	569
	545	629	587	561	709	659
	634	754	689	656	852	795
	723	868	789	749	982	920
	826	1005	905	855	1138	1070

OUR MANUFACTURING RANGE WITH COMPARISON OF IMPERIAL AND METRIC SIZES OF CABLES AND CURRENT RATINGS

IMPERIAL Standing Formation	CONVERTED TO (mm2)	Nearest available metric Size (mm2)	Current in Amperes
1/.044	0.981	1.0	13.5
3/.029	1.290	1.5	17.5
3/.036	1.970	1.5	17.5
7/.029	2.982	2.5	24.0
7/.036	4.597	4.0	32.0
7/.044	6.861	6.0	41.0
7/.052	9.591	10.0	57.0
7/.064	14.528	16.0	76.0
19/.052	26.033	25.0	101.0
19/.064	39.434	35.0	125.0
19/.072	49.909	50.0	151.0
19/.083	66.323	70.0	192.0
37/.072	97.191	95.0	232.0
37/.083	129.156	120.0	269.0
37/.093	162.153	150.0	300.0
37/.103	198.899	185.0	341.0
61/.093	267.333	240.0	400.0
61/.103	327.915	300.0	458.0
91/.093	398.809	400.0	546.0
91/.103	489.185	500.0	617.0
127/.103	682.709	630.0	694.0
Flexible Cables	Flexible Cables	Flexible Cables	Flexible Cables
14/.0076	0.409	0.5	03
23/.0076	0.613	0.75	06
40/.0076	1.171	1.0	10
70/.0076	2.049	1.5	16
110/.0076	3.219	2.5	25
162/.0076	4.741	4.0	32

CABLE SIZE & H.R.C FUSE RATING FOR MOTORS

Motor H.P.	Full Load Current	HRC Fuse Rating	Cable Size (Metric)
1.0	1.9	6.0	2.5 mm2
1.5	2.5	10.0	2.5 mm2
2.0	3.4	15.0	2.5 mm2
3.0	4.8	15.0	4.0 mm2
4.0	6.4	20.0	2.5 mm2
5.0	7.8	20.0	2.5 mm2
7.5	11.6	30.0	2.5 mm2
10.0	14.4	35.0	6.0 mm2
12.5	17.3	50.0	2.5 mm2
15.0	21.0	30.0	2.5 mm2
20.0	28.0	35.0	10.0 mm2
25.0	35.0	50.0	16.0 mm2
30.0	41.0	50.0	2.5 mm2
40.0	55.0	60.0	25.0 mm2
50.0	69.0	80.0	35.0 mm2
60.0	83.0	100.0	50.0 mm2
70.0	97.0	100.0	70.0 mm2
80.0	110.0	125.0	2.5 mm2
90.0	123.0	125.0	2.5 mm2
100.0	136.0	150.0	2.5 mm2
125.0	171.0	200.0	95.0 mm2
150.0	200.0	250.0	120.0 mm2
175.0	231.0	300.0	150.0 mm2
200.0	263.0	350.0	185.0 mm2
250.0	-	-	240 mm2
300.0	-	-	300 mm2

VALUES OF STRENGTH CABLES

Respect- we believe in respect for our customers, employees.

Trusting- we believe in making strong relationships with our customers.

Reliable- we believe our customers are number one

Professional- we are passionate about giving our customers a word class services with 100% Quality.

Teamwork- we believe that we can achieve more by working together as teamwork.



REASONS TO BUY STRENGTH CABLES

- ▶▶ Long experience and extensive industry knowledge.
- ▶▶ State of the art production facilities.
- ▶▶ Timely deliveries.
- ▶▶ Excellent after sale services.
- ▶▶ Technical Staff available 24/7 for support and queries.
- ▶▶ Safety is always a Top priority.
- ▶▶ Cost effectiveness.
- ▶▶ Direct Marketing & Selling Policy.



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Lahore.

Strength Cables (Pvt) Ltd.