

## TYPE OF CABLE

### CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV

#### CONDUCTOR (CU)

Stranded bare annealed copper cl.2

#### INSULATION (XLPE)

Cross linked polyethylene - XLPE

#### COLOUR INSULATION CODING

HD 308 S2

#### INNER SHEATH (PVC)

Fire retardant PVC

#### TIGHTNESS SHEATH (LC)

Lead Cover

#### PROTECTIVE SHEATH (PVC)

Fire retardant PVC

#### ARMOUR (STA)

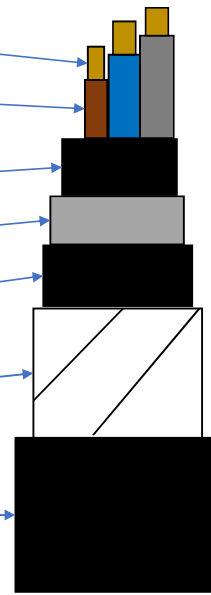
Double Galvanized steel tape

#### OUTHER SHEATH (PVC)

Fire retardant PVC hydrocarbon resistant

#### COLOUR

Black



#### ELECTRICAL CHARACTERISTICS

Voltage rating 0,6/1 kV  
Dielectric test cond/cond 4000 V a.c. for 5 min

#### MECHANICAL AND INSTALLATION CHARACTERISTICS

Operating temperature -20 + 70 °C  
Max operating temperature 90 °C  
Max short circuit temperature 250 °C  
Min. bending radius (fixed) 8 x Diam.  
Min. bending radius (mobile) 16 x Diam.

#### STANDARDS OR SPECIFICATIONS CONSTRUCTION

IEC 60502-1

Power cables with extruded insulation and their accessories for rated voltages from 1kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV). Part 1: Cables for rated voltage of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV)

#### STANDARDS OR SPECIFICATIONS TEST

IEC 60332-3-24

Tests on electric and optical fibre cables under fire conditions Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C

Size	Conductor resistance at 20°C	Permissible current rating buried	Permissible current rating free air	Nom. Insulation Thickness	Nom. Under lead cover Diameter	Nom. Lead cover thickness	Nom. Lead Weight	Nom. Under armour Diameter	Nom. Outer Diameter	Nom. Weight
	ohm/km	A	A	mm	mm	mm	kg/km	mm	mm	kg/km
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 2X1,5mmq	12,1	37	26	0,7	8,07	1,1	416	12,87	17,27	395
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 3X1,5mmq	12,1	37	26	0,7	8,55	1,1	437	13,35	17,75	416
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 4X1,5mmq	12,1	31	23	0,7	9,31	1,1	471	14,11	18,51	449
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 5X1,5mmq	12,1	26	19	0,7	10,17	1,1	510	14,97	19,37	486
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 7X1,5mmq	12,1	24	17	0,7	11,06	1,1	550	15,86	20,26	525
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 12X1,5mmq	12,1	18,5	13	0,7	14,53	1,2	706	19,33	23,73	739
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 19X1,5mmq	12,1	10,5	15	0,7	17,04	1,2	891	22,04	26,44	858
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 27X1,5mmq	12,1	10,5	15	0,7	20,51	1,3	1147	25,71	30,51	1111
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 37X1,5mmq	12,1	7,5	10,5	0,7	23,02	1,4	1278	28,22	33,22	1340
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 2X2,5mmq	7,41	48	36	0,7	8,91	1,1	453	13,71	18,11	431
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 3X2,5mmq	7,41	48	36	0,7	9,46	1,1	478	14,26	18,66	455
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 4X2,5mmq	7,41	41	31	0,7	10,32	1,1	517	15,12	19,52	493
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 5X2,5mmq	7,41	34	26	0,7	11,3	1,1	561	16,1	20,5	535
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 7X2,5mmq	7,41	31	24	0,7	12,32	1,1	606	17,12	21,52	579
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 12X2,5mmq	7,41	24	18	0,7	16,28	1,2	784	21,08	25,48	822
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 19X2,5mmq	7,41	14,5	19	0,7	19,14	1,3	993	24,14	28,74	1042
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 27X2,5mmq	7,41	14,5	19	0,7	23,1	1,4	1283	28,3	33,3	1344
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 37X2,5mmq	7,41	10,5	14	0,7	25,96	1,5	1540	31,36	37,76	1614
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 2X4mmq	4,61	63	49	0,7	9,99	1,1	502	14,79	19,19	478
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 3X4mmq	4,61	63	49	0,7	10,62	1,1	230	15,42	19,82	505
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 4X4mmq	4,61	53	42	0,7	11,63	1,1	575	16,43	20,83	549

CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 5X4mmq	4,61	44	35	0,7	12,76	1,1	626	17,56	21,96	597
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 2X6mmq	3,08	80	63	0,7	11,01	1,1	548	15,81	20,21	522
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 3X6mmq	3,08	80	63	0,7	11,73	1,1	580	16,53	20,93	553
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 4X6mmq	3,08	66	54	0,7	12,86	1,1	631	17,66	22,06	602
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 5X6mmq	3,08	55	45	0,7	14,13	1,1	688	18,93	23,33	657
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 2X10mmq	1,83	104	86	0,7	12,99	1,1	636	17,79	22,19	607
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 3X10mmq	1,83	104	86	0,7	13,86	1,1	676	18,66	23,06	645
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 4X10mmq	1,83	87	75	0,7	15,25	1,2	738	20,05	24,45	773
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 5X10mmq	1,83	73	63	0,7	16,81	1,2	880	21,81	26,21	847
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 2X16mmq	1,15	136	115	0,7	15,57	1,2	752	20,37	24,77	789
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 3X16mmq	1,15	136	115	0,7	16,65	1,2	801	21,45	25,85	839
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 4X16mmq	1,15	113	100	0,7	18,36	1,3	956	23,36	27,96	1002
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 5X16mmq	1,15	95	84	0,7	20,29	1,4	1135	25,49	30,29	1190
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 2X25mmq	0,727	175	149	0,9	18,53	1,3	964	23,53	28,13	1010
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 3X25mmq	0,727	175	149	0,9	19,85	1,3	1028	24,85	29,45	1078
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 4X25mmq	0,727	144	127	0,9	21,94	1,4	1222	27,14	31,94	1280
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 5X25mmq	0,727	140	125	0,9	24,29	1,5	1147	29,69	34,69	1516
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 2X35mmq	0,524	174	158	0,9	20,81	1,4	1163	26,01	30,81	1219
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 3X35mmq	0,524	174	158	0,9	22,31	1,4	1241	27,51	32,31	1301
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 4X35mmq	0,524	146	133	0,9	24,69	1,5	1469	30,09	36,49	1540
CU/XLPE/PVC/LC/PVC/STA/PVC - 0,6/1 KV - 5X35mmq	0,524	145	130	0,9	27,76	1,5	1757	33,56	40,16	1720

WE CAN ALSO SUPPLY ANY LEAD SHEATHED CABELS AS PER YOU REQUEST. FELL FREE TO ASK FOR A QUALTATION [info@vipi.it](mailto:info@vipi.it)