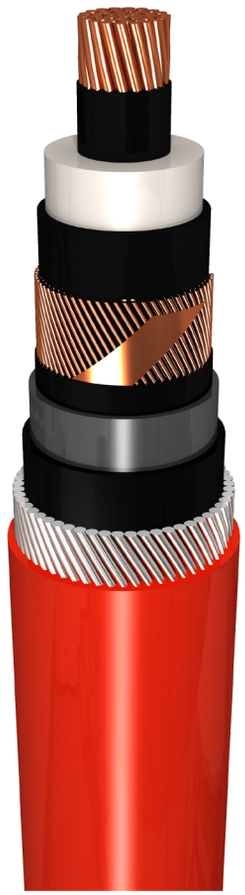
Cu/XLPE/SC/PVC/LC/PVC/AWA/PVC



Conductor	Stranded (class 2) and compacted Plain annealed copper wires
Insulation	XLPE (cross-liked Polyethylene)
Core Screen	Consist of semiconductor layers and metallic screen
Conductor Screen	Semiconductor compound applied on conductor
Insulation Screen	Semiconductor compound applied on insulation
Additional Insulation Screen	A semiconductor tape wrapped on above layer
Core Metallic Screen	Copper Wires + Open Helix Copper Tape
Inner Covering	Extruded PVC
Metal Sheath	Lead Sheath (Cover)
Separation Sheath (Bedding)	Extruded PVC
Armour	Aluminium Wires
Over-Sheath	Extruded PVC

+90 °C | IEC 60332-1 | 15x O.D | Armoured

3.6/6 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Diameter Over Lead Sheath	Lead Sheath Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm²	mm	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
1x25rm/16	5.8	2.5	23.5	1.6	21.5	1.3	1.9	30.5	2111	1000
1x35rm/16	7.0	2.5	24.7	1.6	22.7	1.3	1.9	31.7	2302	1000
1x50rm/16	8.2	2.5	26.1	1.6	24.1	1.4	2.0	33.3	2642	1000
1x70rm/16	9.9	2.5	28.0	2.0	25.8	1.4	2.0	36.0	3076	1000
1x95rm/16	11.5	2.5	29.8	2.0	27.6	1.5	2.1	38.0	3570	1000
1x120rm/16	13.0	2.5	31.3	2.0	29.1	1.5	2.1	39.5	3933	500
1x150rm/25	14.5	2.5	33.2	2.0	30.8	1.6	2.2	41.6	4584	500
1x185rm/25	16.1	2.5	35.6	2.0	33.2	1.6	2.3	44.2	5173	500
1x240rm/25	18.5	2.6	38.4	2.0	36.0	1.7	2.4	47.2	6091	500
1x300rm/25	20.6	2.8	41.5	2.5	38.9	1.7	2.5	51.5	7161	500
1x400rm/35	23.2	3.0	45.1	2.5	42.3	1.9	2.6	55.3	8835	500
1x500rm/35	26.3	3.2	49.0	2.5	46.2	1.9	2.7	59.4	10262	500

Cu/XLPE/SC/PVC/LC/PVC/AWA/PVC

6/10 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Diameter Over Lead Sheath	Lead Sheath Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm²	mm	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
1x25rm/16	5.8	3.4	25.5	1.6	23.5	1.4	1.9	32.5	2371	1000
1x35rm/16	7.0	3.4	26.9	1.6	24.7	1.4	2.0	34.1	2605	1000
1x50rm/16	8.2	3.4	28.1	2.0	25.9	1.4	2.0	36.1	2938	500
1x70rm/16	9.9	3.4	30.0	2.0	27.8	1.5	2.1	38.2	3397	500
1x95rm/16	11.5	3.4	31.6	2.0	29.4	1.5	2.2	40.0	3799	500
1x120rm/16	13.0	3.4	33.5	2.0	31.1	1.6	2.2	41.9	4299	500
1x150rm/25	14.5	3.4	35.4	2.0	33.0	1.6	2.3	44.0	4886	500
1x185rm/25	16.1	3.4	37.6	2.0	35.2	1.7	2.3	46.2	5535	500
1x240rm/25	18.5	3.4	40.2	2.5	37.6	1.7	2.5	50.2	6505	500
1x300rm/25	20.6	3.4	42.9	2.5	40.3	1.8	2.5	52.9	7487	500
1x400rm/35	23.2	3.4	47.0	2.5	44.2	1.9	2.7	57.4	9140	500
1x500rm/35	26.3	3.4	50.8	2.5	48.0	2.0	2.8	61.4	10665	500

8.7/15 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Diameter Over Lead Sheath	Lead Sheath Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm²	mm	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
1x25rm/16	5.8	4.5	27.9	2.0	25.7	1.4	2.0	35.9	2715	1000
1x35rm/16	7.0	4.5	29.3	2.0	27.1	1.5	2.1	37.5	3042	1000
1x50rm/16	8.2	4.5	30.5	2.0	28.3	1.5	2.1	38.7	3299	1000
1x70rm/16	9.9	4.5	32.4	2.0	30.0	1.5	2.2	40.8	3690	1000
1x95rm/16	11.5	4.5	34.6	2.0	32.2	1.6	2.3	43.2	4277	1000
1x120rm/16	13.0	4.5	36.1	2.0	33.7	1.6	2.3	44.7	4648	1000
1x150rm/25	14.5	4.5	37.8	2.0	35.4	1.7	2.4	46.6	5322	500
1x185rm/25	16.1	4.5	40.0	2.5	37.4	1.7	2.5	50.0	6066	500
1x240rm/25	18.5	4.5	42.6	2.5	40.0	1.8	2.5	52.6	6964	500
1x300rm/25	20.6	4.5	45.3	2.5	42.5	1.8	2.6	55.5	8530	500
1x400rm/35	23.2	4.5	48.5	2.5	45.7	1.9	2.7	58.9	9424	500
1x500rm/35	26.3	4.5	52.0	2.5	49.0	2.0	2.8	62.6	10916	500

Cu/XLPE/SC/PVC/LC/PVC/AWA/PVC

12/20 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Diameter Over Lead Sheath	Lead Sheath Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm^2	mm	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
1x25rm/16	5.8	5.5	30.1	2.0	27.9	1.5	2.1	38.3	3051	500
1x35rm/16	7.0	5.5	31.3	2.0	29.1	1.5	2.2	39.7	3285	500
1x50rm/16	8.2	5.5	32.9	2.0	30.5	1.6	2.2	41.3	3677	1000
1x70rm/16	9.9	5.5	35.0	2.0	32.6	1.6	2.3	43.6	4128	1000
1x95rm/16	11.5	5.5	36.6	2.0	34.2	1.6	2.3	45.2	4532	1000
1x120rm/16	13.0	5.5	38.5	2.5	35.9	1.7	2.4	48.3	5234	500
1x150rm/25	14.5	5.5	40.0	2.5	37.4	1.7	2.5	50.0	5792	500
1x185rm/25	16.1	5.5	42.2	2.5	39.6	1.8	2.5	52.2	6494	500
1x240rm/25	18.5	5.5	44.8	2.5	42.0	1.8	2.6	55.0	7322	500
1x300rm/25	20.6	5.5	47.9	2.5	45.1	1.9	2.7	58.3	8430	500
1x400rm/35	23.2	5.5	50.9	2.5	47.9	2.0	2.8	61.5	9972	500
1x500rm/35	26.3	5.5	55.1	2.5	51.9	2.1	3.0	66.1	11616	250

18/30 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Diameter Over Lead Sheath	Lead Sheath Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm^2	mm	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
1x50rm/16	8.2	8.0	38.7	2.5	36.1	1.7	2.4	48.5	4724	500
1x70rm/16	9.9	8.0	40.4	2.5	37.8	1.7	2.5	50.4	5138	500
1x95rm/16	11.5	8.0	42.2	2.5	39.6	1.8	2.6	52.4	5725	500
1x120rm/16	13.0	8.0	43.9	2.5	41.1	1.8	2.6	54.1	6166	500
1x150rm/25	14.5	8.0	46.0	2.5	43.2	1.9	2.7	56.4	6970	500
1x185rm/25	16.1	8.0	48.0	2.5	45.2	1.9	2.7	58.4	7600	500
1x240rm/25	18.5	8.0	50.8	2.5	47.8	2.0	2.8	61.4	8606	500
1x300rm/25	20.6	8.0	53.5	2.5	50.5	2.1	2.9	64.3	9749	250