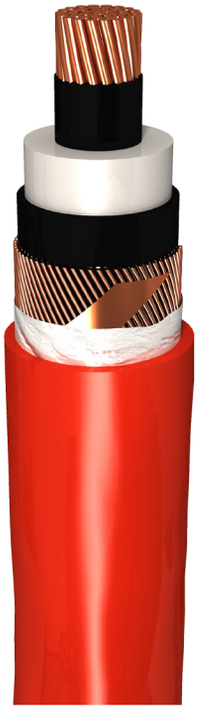
N2XSY



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
Over-Sheath	Extruded PVC

+90 ºC IEC 60332-1 15x O.D

3.6/6 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm²	mm	mm	mm	mm	Kg/Km	meter
1x25rm/16	5.8	2.5	1.8	20.5	656	1000
1x35rm/16	7.0	2.5	1.8	21.7	769	1000
1x50rm/16	8.2	2.5	1.8	22.9	935	1000
1x70rm/16	9.9	2.5	1.8	24.6	1145	1000
1x95rm/16	11.5	2.5	1.7	26.0	1377	1000
1x120rm/16	13.0	2.5	1.8	27.7	1638	1000
1x150rm/25	14.5	2.5	1.8	29.2	2027	1000
1x185rm/25	16.1	2.5	1.9	31.4	2393	1000
1x240rm/25	18.5	2.6	2.0	34.2	2961	500
1x300rm/25	20.6	2.8	2.1	37.3	3597	500
1x400rm/35	23.2	3.0	2.2	41.2	4661	500
1x500rm/35	26.3	3.2	2.3	44.9	5676	500

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6/10 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm^2	mm	mm	mm	mm	Kg/Km	meter
1x25rm/16	5.8	3.4	1.8	22.3	711	1000
1x35rm/16	7.0	3.4	1.8	23.5	827	1000
1x50rm/16	8.2	3.4	1.7	24.5	985	1000
1x70rm/16	9.9	3.4	1.8	26.4	1212	1000
1x95rm/16	11.5	3.4	1.8	28.0	1459	1000
1x120rm/16	13.0	3.4	1.9	29.7	1726	1000
1x150rm/25	14.5	3.4	1.9	31.2	2120	1000
1x185rm/25	16.1	3.4	2.0	33.4	2493	1000
1x240rm/25	18.5	3.4	2.0	35.8	3043	500
1x300rm/25	20.6	3.4	2.1	38.5	3663	500
1x400rm/35	23.2	3.4	2.2	42.0	4725	500
1x500rm/35	26.3	3.4	2.3	45.3	5702	500

8.7/15 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm^2	mm	mm	mm	mm	Kg/Km	meter
1x25rm/16	5.8	4.5	1.8	24.5	785	1000
1x35rm/16	7.0	4.5	1.8	25.7	905	1000
1x50rm/16	8.2	4.5	1.8	26.9	1068	1000
1x70rm/16	9.9	4.5	1.8	28.6	1290	1000
1x95rm/16	11.5	4.5	1.9	30.4	1565	1000
1x120rm/16	13.0	4.5	1.9	31.9	1835	1000
1x150rm/25	14.5	4.5	2.0	33.6	2238	1000
1x185rm/25	16.1	4.5	2.0	35.6	2613	1000
1x240rm/25	18.5	4.5	2.1	38.2	3179	500
1x300rm/25	20.6	4.5	2.2	40.9	3170	500
1x400rm/35	23.2	4.5	2.3	44.4	4882	500
1x500rm/35	25.8	4.5	2.4	46.5	5839	500

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12/20 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm²	mm	mm	mm	mm	Kg/Km	meter
1x25rm/16	5.8	5.5	1.8	26.5	859	1000
1x35rm/16	7.0	5.5	1.8	27.7	987	1000
1x50rm/16	8.2	5.5	1.9	29.1	1163	1000
1x70rm/16	9.9	5.5	1.9	30.8	1389	1000
1x95rm/16	11.5	5.5	2.0	32.6	1680	1000
1x120rm/16	13.0	5.5	2.0	34.1	1936	1000
1x150rm/25	14.5	5.5	2.1	35.8	2355	1000
1x185rm/25	16.1	5.5	2.1	37.8	2727	1000
1x240rm/25	18.5	5.5	2.2	40.4	3312	500
1x300rm/25	20.6	5.5	2.3	43.1	3943	500
1x400rm/35	23.2	5.5	2.4	46.6	5035	500
1x500rm/35	26.3	5.5	2.5	49.9	6036	500

18/30 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diamater	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm²	mm	mm	mm	mm	Kg/Km	meter
1x50rm/16	8.2	8.0	2.0	34.3	1417	500
1x70rm/16	9.9	8.0	2.1	36.2	1673	500
1x95rm/16	11.5	8.0	2.1	37.8	1953	500
1x120rm/16	13.0	8.0	2.2	39.5	2248	500
1x150rm/25	14.5	8.0	2.2	41.0	2654	500
1x185rm/25	16.1	8.0	2.3	43.2	3062	1000
1x240rm/25	18.5	8.0	2.4	45.8	3669	500
1x300rm/25	20.6	8.0	2.5	48.5	4323	500