

N2XSEYRY

Conductor	Stranded (class 2) and compacted Plain annealed copper wires
Insulation	XLPE (cross-linked 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 tape wrapped with overlap on each core
Inner Covering (Bedding)	Extruded PVC
Armour	Galvanized Steel Wires
Over-Sheath	Extruded PVC



3.6/6 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	meter
3x25rm/16	5.8	2.5	34.7	2.0	2.3	43.3	3679	1000
3x35rm/16	7.0	2.5	37.4	2.0	2.3	46.0	4237	500
3x50rm/16	8.2	2.5	40.0	2.5	2.5	50.0	5393	500
3x70rm/16	9.9	2.5	43.9	2.5	2.6	54.1	6442	500
3x95rm/16	11.5	2.5	47.5	2.5	2.7	57.9	7584	500
3x120rm/16	13.0	2.5	50.7	2.5	2.8	61.3	8697	500
3x150rm/25	14.5	2.5	54.2	2.5	3.0	65.2	10013	250
3x185rm/25	16.1	2.5	58.5	2.5	3.0	69.5	11562	250
3x240rm/25	18.5	2.6	64.5	3.2	3.4	77.6	14930	250
3x300rm/25	20.6	2.8	70.9	3.2	3.5	84.2	17682	250

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6/10 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	meter
3x25rm/16	5.8	3.4	38.7	2.5	2.4	48.5	4623	500
3x35rm/16	7.0	3.4	41.3	2.5	2.5	51.3	5227	500
3x50rm/16	8.2	3.4	44.1	2.5	2.6	54.3	5994	500
3x70rm/16	9.9	3.4	47.9	2.5	2.7	58.3	7075	500
3x95rm/16	11.5	3.4	51.4	2.5	2.9	62.2	8249	500
3x120rm/16	13.0	3.4	54.8	2.5	3.0	65.8	9417	250
3x150rm/25	14.5	3.4	58.2	2.5	3.1	69.4	10734	250
3x185rm/25	16.1	3.4	62.5	3.2	3.2	75.2	13237	250
3x240rm/25	18.5	3.4	67.9	3.2	3.4	81.0	15648	250
3x300rm/25	20.6	3.4	73.3	3.2	3.6	86.8	19395	250

8.7/15 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	meter
3x25rm/16		4.5	43.7	2.5	2.6	53.9	5317	500
3x35rm/16	7.0	4.5	46.2	2.5	2.7	56.6	6002	500
3x50rm/16	8.2	4.5	49.0	2.5	2.8	59.6	6786	500
3x70rm/16	9.9	4.5	52.9	2.5	3.0	63.9	7894	250
3x95rm/16	11.5	4.5	56.3	2.5	3.1	67.5	6618	500
3x120rm/16	13.0	4.5	59.7	2.5	3.1	70.9	10210	250
3x150rm/25	14.5	4.5	63.2	3.2	3.3	76.1	12523	250
3x185rm/25	16.1	4.5	67.5	3.2	3.4	80.6	14249	250
3x240rm/25	18.5	4.5	72.8	3.2	3.6	86.3	16708	250
3x300rm/25	20.6	4.5	78.4	4.0	3.8	94.0	20884	250

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12/20 kV (IEC 60502 - 2)

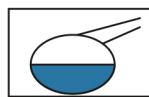
Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Diameter Under Armour	Armour Wire Diameter	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	meter
3x35rm/16	7.4	5.5	50.7	2.5	2.8	61.3	6695	500
3x50rm/16	8.2	5.5	53.5	2.5	2.9	64.3	7512	250
3x70rm/16	9.9	5.5	57.2	2.5	3.0	68.2	8598	250
3x95rm/16	11.5	5.5	60.8	3.2	3.2	73.5	10753	250
3x120rm/16	13.0	5.5	64.2	3.2	3.4	77.3	12063	250
3x150rm/25	14.5	5.5	67.5	3.2	3.4	80.6	13401	250
3x185rm/25	16.1	5.5	72.0	3.2	3.6	85.5	15230	250
3x240rm/25	18.5	5.5	77.3	4.0	3.8	92.9	19179	250

Additional Options (by request)

A) Based on "PVC" Sheath



Reduced smoke PVC
Tested acc to ASTM E662
&
Improved Flame Retardant
acc to IEC 60332-3



Oil & Chemical
Resistant PVC Sheath
Acc to ICEA S-82-552
(Equal to NEMA WC55)



UV Resistant PVC Sheath
Acc to UL 1581-1200

B) Based on "Halogen Free" Construction

Cable Type : N2XSEHRH (Multi-Core) &
Cu/XLPE/SC/FRLH/AWA/FRLH (Single Core)



Low Halogen Acid & Gas
acc to IEC 60754-1&2
IEC 60502 ST8



Low smoke
Acc to IEC 61034