

# NA2XSEY



Conductor	Stranded (class 2) and compacted Plain Aluminium 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 (Filler)	Extruded PVC
Over-Sheath	Extruded PVC



## 3.6/6 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm <sup>2</sup>	mm	mm	mm	mm	Kg/Km	meter
3x25rm/16	5.8	2.5	2.2	39.1	1925	500
3x35rm/16	7.0	2.5	2.3	41.8	2221	500
3x50rm/16	8.2	2.5	2.3	44.8	2619	500
3x70rm/16	9.9	2.5	2.4	48.7	3111	500
3x95rm/16	11.5	2.5	2.5	52.3	3639	500
3x120rm/16	13.0	2.5	2.6	56.1	4228	500
3x150rm/25	14.5	2.5	2.8	59.8	4838	500
3x185rm/25	16.1	2.5	2.9	64.3	5626	250
3x240rm/25	18.5	2.6	3.2	70.4	6785	250
3x300rm/25	20.6	2.8	3.4	77.5	8254	250

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### 6/10 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm <sup>2</sup>	mm	mm	mm	mm	Kg/Km	meter
3x25rm/16	5.8	3.4	2.3	43.1	2313	500
3x35rm/16	7.0	3.4	2.3	46.1	2667	500
3x50rm/16	8.2	3.4	2.4	48.9	3039	500
3x70rm/16	9.9	3.4	2.6	52.9	3586	500
3x95rm/16	11.5	3.4	2.7	57.0	4214	500
3x120rm/16	13.0	3.4	2.8	60.4	4771	500
3x150rm/25	14.5	3.4	2.9	63.8	5383	250
3x185rm/25	16.1	3.4	3.0	68.3	6208	250
3x240rm/25	18.5	3.4	3.2	74.3	7407	250
3x300rm/25	20.6	3.4	3.3	79.9	8638	250

### 8.7/15 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm <sup>2</sup>	mm	mm	mm	mm	Kg/Km	meter
3x25rm/16	5.8	4.5	2.4	48.5	2864	500
3x35rm/16	7.0	4.5	2.5	51.2	3215	500
3x50rm/16	8.2	4.5	2.7	54.6	3706	500
3x70rm/16	9.9	4.5	2.7	58.3	4249	500
3x95rm/16	11.5	4.5	2.9	62.1	4888	500
3x120rm/16	13.0	4.5	3.0	65.5	5481	500
3x150rm/25	14.5	4.5	3.1	69.0	5717	250
3x185rm/25	16.1	4.5	3.2	73.9	7080	250
3x240rm/25	18.5	4.5	3.4	79.4	8264	250

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## 12/20 kV (IEC 60502 - 2)

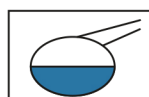
Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm <sup>2</sup>	mm	mm	mm	mm	Kg/Km	meter
3x35rm/16	7.0	5.5	2.7	56.3	3846	500
3x50rm/16	8.2	5.5	2.8	59.1	4278	500
3x70rm/16	9.9	5.5	2.9	63.0	4868	500
3x95rm/16	11.5	5.5	3.0	66.6	5504	250
3x120rm/16	13.0	5.5	3.1	70.0	6128	250
3x150rm/25	14.5	5.5	3.2	73.9	6895	250
3x185rm/25	16.1	5.5	3.3	78.4	7830	250
3x240rm/25	18.5	5.5	3.6	84.1	9096	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 : NA2XSEH (Multi-Core) &  
NA2XSH (Single Core)



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



Low smoke  
Acc to IEC 61034