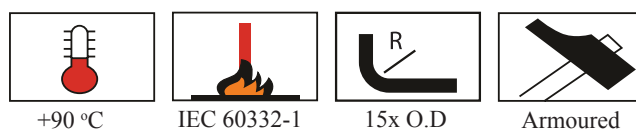


Conductor	Stranded (class 2) and compacted Plain Aluminium wires
Insulation	XLPE (cross-linked Polyethylene)
Core Screen	Consist of semiconductor layers and metallic screen
Conductor Screen	Semiconductor compound applied on conductor
Insulation Screen	Semiconductor compound applied on insulation
Additional Insulation Screen	A semiconductor tape wrapped on above layer
Core Metallic Screen	Copper tape wrapped with overlap on each core
Inner Covering (Bedding)	Extruded PVC
Armour	Galvanized Steel Tapes
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 Tape Thickness	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	33.4	0.5	2.2	39.8	2345	500
3x35rm/16	7.0	2.5	37.4	0.5	2.3	44.0	2782	500
3x50rm/16	8.2	2.5	40.0	0.5	2.4	46.8	3151	500
3x70rm/16	9.9	2.5	43.9	0.5	2.5	50.9	3694	500
3x95rm/16	11.5	2.5	47.5	0.5	2.7	54.9	4303	500
3x120rm/16	13.0	2.5	50.7	0.5	2.8	58.3	4848	500
3x150rm/25	14.5	2.5	54.2	0.5	2.9	62.0	5476	500
3x185rm/25	16.1	2.5	58.7	0.5	3.1	66.9	6344	500
3x240rm/25	18.5	2.6	64.4	0.5	3.2	72.8	7484	250
3x300rm/25	20.6	2.8	70.9	0.5	3.5	79.9	8942	250

NA2XSEYBY

6/10 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Diameter Under Armour	Armour Tape Thickness	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	0.5	2.4	45.5	2887	500
3x35rm/16	7.0	3.4	41.3	0.5	2.5	48.3	3230	500
3x50rm/16	8.2	3.4	44.1	0.5	2.6	51.3	3647	500
3x70rm/16	9.9	3.4	47.9	0.5	2.7	55.3	4223	500
3x95rm/16	11.5	3.4	51.4	0.5	2.8	59.0	4804	500
3x120rm/16	13.0	3.4	54.8	0.5	2.9	62.6	5404	500
3x150rm/25	14.5	3.4	58.2	0.5	3.0	66.2	6061	250
3x185rm/25	16.1	3.4	62.5	0.5	3.2	70.9	6932	250
3x240rm/25	18.5	3.4	67.9	0.5	3.3	76.5	8068	250
3x300rm/25	20.6	3.4	73.5	0.5	3.5	82.5	9385	250

8.7/15 kV (IEC 60502 - 2)

Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Diameter Under Armour	Armour Tape Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	meter
3x25rm/16	5.8	4.5	43.7	0.5	2.6	50.9	3469	500
3x35rm/16	7.0	4.5	46.2	0.5	2.6	53.4	3814	500
3x50rm/16	8.2	4.5	49.0	0.5	2.7	56.4	4259	500
3x70rm/16	9.9	4.5	52.9	0.5	2.9	60.7	4900	500
3x95rm/16	11.5	4.5	56.3	0.5	3.0	64.3	5532	250
3x120rm/16	13.0	4.5	59.7	0.5	3.1	67.9	6155	250
3x150rm/25	14.5	4.5	63.2	0.5	3.2	71.6	6847	250
3x185rm/25	16.1	4.5	67.5	0.5	3.3	76.1	7731	250
3x240rm/25	18.5	4.5	72.8	0.5	3.5	81.8	8946	250
3x300rm/25	20.6	4.5	78.4	0.8	3.7	89.0	11246	250

NA2XSEYBY

12/20 kV (IEC 60502 - 2)

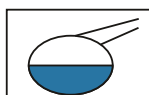
Nominal cross section area of conductor	Conductor Diameter	Insulation thickness	Diameter Under Armour	Armour Tape Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	meter
3x35rm/16	7.0	5.5	50.7	0.5	2.8	58.3	4426	500
3x50rm/16	8.2	5.5	53.5	0.5	2.9	61.3	4898	500
3x70rm/16	9.9	5.5	57.4	0.5	3.0	65.4	5551	500
3x95rm/16	11.5	5.5	60.8	0.5	3.2	69.2	6230	500
3x120rm/16	13.0	5.5	64.2	0.5	3.3	72.8	6900	500
3x150rm/25	14.5	5.5	67.5	0.5	3.4	76.3	7580	250
3x185rm/25	16.1	5.5	72.0	0.5	3.5	81.0	8550	250
3x240rm/25	18.5	5.5	77.3	0.8	3.8	88.1	10795	500

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 : NA2XSEHBH (Multi-Core) &
AL/XLPE/SC/FRLH/ATA/FRLH (Single Core)



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



Low smoke
Acc to IEC 61034