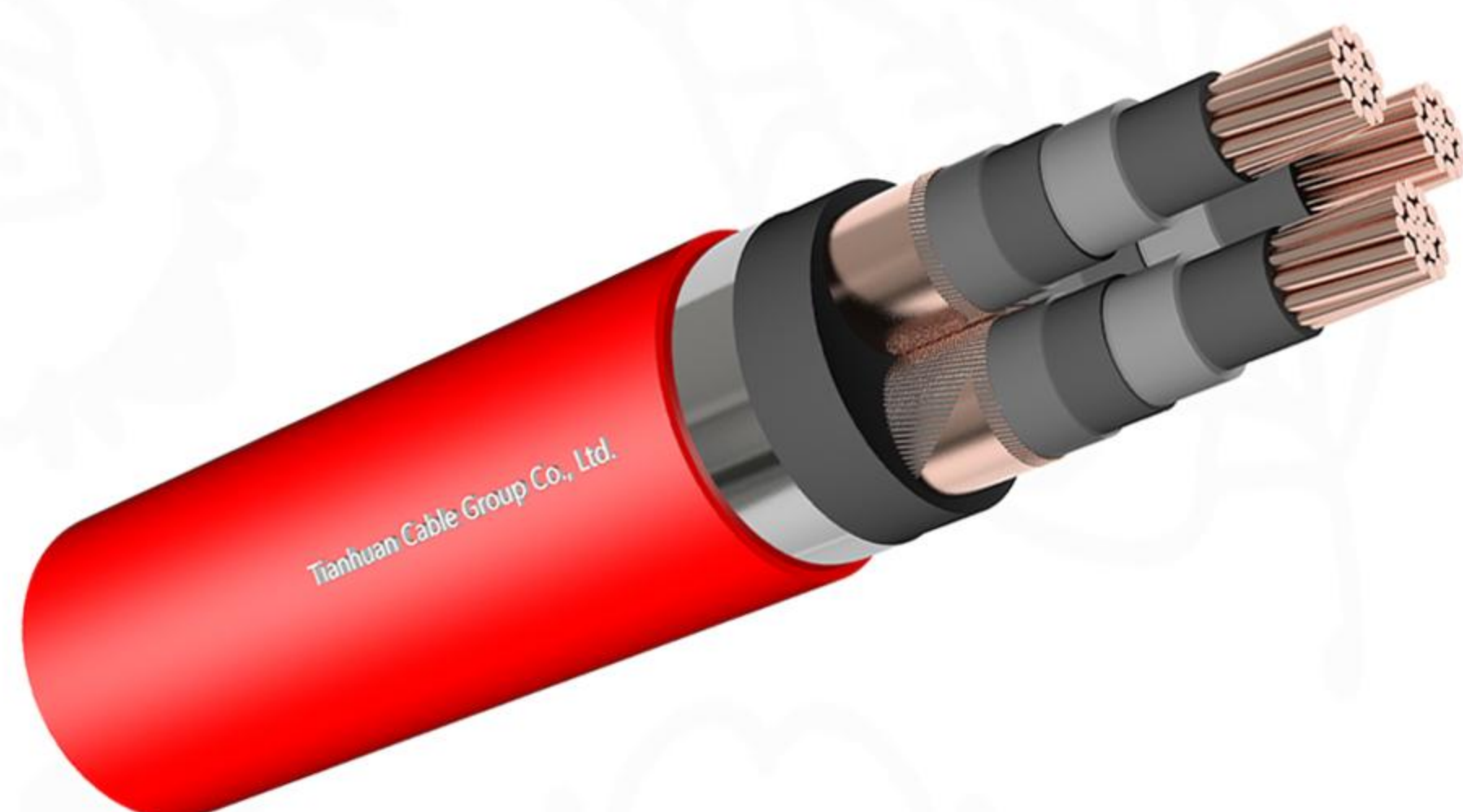




N2XSEYBY/NA2XSEYBY (Cu(Al)/XLPE/CWS/DSTA/PVC) 3.6/6, 6/10, 8.7/15, 12/20KV

CABLE STRUCTURE:

Conductor:

Compact stranded copper conductor,
Cl.2 as per IEC 60228

Conductor Screen: Semi-conductor

Insulation: XLPE rated at 90°C

Conducting Water Blocking Layer:

Semi-conductive WBT

ID Tape: Red/Yellow/Black

Metallic Screen: Copper Wire Screen

Metallic Screen: Copper Tape Screen

Separator/Water Blocking Layer:

Non-Conductive WBT

Separation Sheath (for armoured cable):

PVC inner Sheath(Fully extruded)

Armoring:

Double stainless steel tape-1 core

Double galvanized steel tape-3 cores

Sheath:

PVC or FR-PVC type ST2/ST8 to IEC 60502, black

CODE DESIGNATION:

China:

YJ: XLPE insulation

V: PVC sheath

22: Double galvanized steel tape armoring-3 cores

62: Double stainless steel tape armoring-1 core

ZR: Flame resistant

European Union: N2XSEYBY/NA2XSEYBY

APPLICATION:

They are suitable for installation mostly in power supply stations, indoors and in cable ducts, outdoors, underground and in water as well as for installation on cable trays for industries, switchboards and power stations.

TECHNICAL DATA:

Rated voltage:

3.6/6, 6/10, 8.7/15, 12/20KV

Maximum Conductor Temperature:

under normal (90°C), emergency (130°C)

or short circuit no more than 5s(250°C) conditions

Min.Ambient Temp.-20°C

Installation Temp.0°C

Min.Bending Radius:

15 x cable O.D for single core

12 x cable O.D for multi core

STANDARD:

International:

IEC 60502, IEC 60228,(IEC 60332-3 for
ZR-YJV22, ZR-YJV62 only)

China:

GB/T 12706,(GB/T 18380-3 for ZR-YJV22,
ZR-YJV62 only)

European standard:

DIN VDE 0276-620, HD 620 S2,
IEC/EN 60228, IEC/EN 60502-2

Flame Retardant according to IEC/EN 60332-1-2

Indonesian Standard:

Conductor: SNI IEC 60228

Insulation: SNI IEC 60502-2

Other standards

such as BS, DIN and ICEA upon request

CERTIFICATES:

We hold SAA, CE, TUV and CCC certifications for our product categories. Additionally, we possess other authoritative certifications recognized in various countries and regions. For further details on our certification portfolio, please do not hesitate to contact us.





**N2XSEYBY/NA2XSEYBY (Cu(Al)/XLPE/CWS/DSTA/PVC)
3.6/6, 6/10, 8.7/15, 12/20KV**

Specifications

N2XSEYBY 3.6/6KV

Nom.Cross-section Area	Overall Diameter	Cable Weight	DC Resistance at 20°C Conductor min	Current Carrying Capacity at 30°C	
				In Air	In Ground
mm ²	mm	km/kg	Ω/km	A	
3 × 35	50.0	4055	0.524	172	154
3 × 50	53.0	4770	0.387	205	181
3 × 70	57.5	5695	0.268	253	220
3 × 95	61.5	6755	0.193	307	263
3 × 120	65.0	7675	0.153	352	298
3 × 150	68.0	9215	0.124	397	332
3 × 185	72.0	10605	0.0991	453	374
3 × 240	78.5	13330	0.0754	529	431
3 × 300	86.0	15880	0.0601	599	482

N2XSEYBY 6/10KV

Nom.Cross-section Area	Overall Diameter	Cable Weight	DC Resistance at 20°C Conductor min	Current Carrying Capacity at 30°C	
				In Air	In Ground
mm ²	mm	km/kg	Ω/km	A	
3 × 35	54.5	4,495	0.524	172	154
3 × 50	57.5	5,265	0.387	205	181
3 × 70	62	6,225	0.268	253	220
3 × 95	66	7,345	0.193	307	263
3 × 120	69.5	8.295	0.153	352	298
3 × 150	72.5	9,835	0.124	397	332
3 × 185	76	11,255	0.0991	453	374
3 × 240	83.5	14,030	0.0754	529	431
3 × 300	89	16,435	0.0601	599	482



N2XSEYBY/NA2XSEYBY (Cu(Al)/XLPE/CWS/DSTA/PVC) 3.6/6, 6/10, 8.7/15, 12/20KV

Specifications

N2XSEYBY 8.7/15KV

Nom.Cross-section Area	Overall Diameter	Cable Weight	DC Resistance at 20°C Conductor min	Current Carrying Capacity at 30°C	
				In Air	In Ground
mm ²	mm	km/kg	Ω/km	A	
3 × 35	60	5,165	0.524	172	154
3 × 50	63	5,940	0.387	205	181
3 × 70	67.5	6,940	0.268	253	220
3 × 95	71.5	8,075	0.193	307	263
3 × 120	75	9,055	0.153	352	298
3 × 150	78	10,665	0.124	397	332
3 × 185	82	12,120	0.0991	453	374
3 × 240	88	14,955	0.0754	529	431
3 × 300	94.5	17,470	0.0601	599	482

N2XSEYBY 12/20KV

Nom.Cross-section Area	Overall Diameter	Cable Weight	DC Resistance at 20°C Conductor min	Current Carrying Capacity at 30°C	
				In Air	In Ground
mm ²	mm	km/kg	Ω/km	A	
3 × 35	65	5,715	0.524	172	154
3 × 50	68	6,545	0.387	205	181
3 × 70	72.5	7,615	0.268	253	220
3 × 95	76	8,750	0.193	307	263
3 × 120	79.5	9,795	0.153	352	298
3 × 150	84.5	12,145	0.124	397	332
3 × 185	87.5	13,620	0.0991	453	374
3 × 240	92.5	15,805	0.0754	529	431
3 × 300	99.5	18,375	0.0601	599	482