

N2XKYRY Control

IEC 60502-1 0.6/1 kV



Conductor	Stranded (class 2) Plain annealed copper wires
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Color Code Options :



Black (Numbered)

Optional green & yellow insulated earth wire



(type N2XKYRY-J)

Insulation	XLPE
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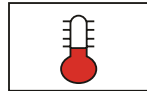
Inner Covering	Extruded PVC
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Metal Sheath	Lead Sheath (Cover)
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Inner Covering (Bedding)	Extruded PVC
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Armour	Galvanized Steel Wires
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Over-Sheath	Extruded PVC
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+90 °C



IEC 60332-1



12x O.D



Armoured

Nominal cross section area of conductor	Diameter Under Armour	Armour Wire Diameter	Diameter Over Lead Sheath	Lead Sheath Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	meter
6x1.5 rm	15.4	1.25	13.4	1.2	1.8	21.5	1,314	1000
7x1.5 rm	15.4	1.25	13.4	1.2	1.8	21.5	1,327	1000
8x1.5 rm	17.2	1.6	15.2	1.2	1.8	24.0	1,676	1000
9x1.5 rm	17.2	1.6	15.2	1.2	1.8	24.0	1,705	1000
10x1.5 rm	18.4	1.6	16.4	1.2	1.8	25.2	1,791	1000
12x1.5 rm	18.8	1.6	16.8	1.2	1.8	25.6	1,917	1000
14x1.5 rm	19.7	1.6	17.7	1.2	1.8	26.5	1,964	1000
16x1.5 rm	20.6	1.6	18.6	1.2	1.8	27.4	2,090	1000
19x1.5 rm	21.5	1.6	19.5	1.2	1.8	28.3	2,232	1000
21x1.5 rm	22.4	1.6	20.4	1.2	1.8	29.2	2,352	500
24x1.5 rm	24.5	1.6	22.5	1.2	1.9	31.5	2,603	1000
27x1.5 rm	24.9	1.6	22.9	1.2	1.9	31.9	2,705	1000
30x1.5 rm	25.9	1.6	23.9	1.3	1.9	32.9	2,928	1000
37x1.5 rm	27.9	2.0	25.7	1.3	2.0	35.9	3,507	500
40x1.5 rm	28.8	2.0	26.6	1.3	2.1	37.0	3,680	500
50x1.5 rm	32.3	2.0	30.1	1.4	2.2	40.7	4,382	500
61x1.5 rm	34.9	2.0	32.5	1.5	2.2	43.3	4,953	500

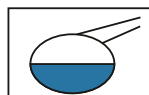
Nominal cross section area of conductor	Diameter Under Armour	Armour Wire Diameter	Diameter Over Lead Sheath	Lead Sheath Thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	meter
6x2.5 rm	16.6	1.25	14.6	1.2	1.8	22.6	1,468	1000
7x2.5 rm	16.6	1.25	14.6	1.2	1.8	22.7	1,505	1000
8x2.5 rm	18.7	1.6	16.7	1.2	1.8	25.5	1,915	1000
9x2.5 rm	18.7	1.6	16.7	1.2	1.8	25.5	1,933	1000
10x2.5 rm	20.0	1.6	18.0	1.2	1.8	26.8	2,094	1000
12x2.5 rm	20.6	1.6	18.6	1.2	1.8	27.4	2,189	1000
14x2.5 rm	21.6	1.6	19.6	1.2	1.8	28.4	2,275	1000
16x2.5 rm	22.6	1.6	20.6	1.2	1.8	29.4	2,428	1000
19x2.5 rm	23.6	1.6	21.6	1.2	1.9	30.6	2,603	1000
21x2.5 rm	24.7	1.6	22.7	1.2	1.9	31.7	2,759	500
24x2.5 rm	27.4	1.6	25.2	1.3	2.0	34.6	3,188	500
27x2.5 rm	27.9	2.0	25.7	1.3	2.0	35.9	3,577	500
30x2.5 rm	28.8	2.0	26.6	1.3	2.1	37.0	3,764	500
37x2.5 rm	31.0	2.0	28.8	1.4	2.1	39.2	4,303	500
40x2.5 rm	32.1	2.0	29.9	1.4	2.2	40.5	4,508	500
50x2.5 rm	36.6	2.0	34.2	1.5	2.3	45.2	5,469	500
61x2.5 rm	39.0	2.5	36.4	1.6	2.4	48.8	6,607	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 : NA2XKHRH (Multi-Core) &
Cu/XLPE/FRLH/LC/AWA/FRLH (Single Core)



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



Low smoke
Acc to IEC 61034