



Cu/XLPE/SWA/PVC (N2XRY-YXZ2V)

Power cable 0,6/1 kV with Cu conductors, XLPE insulated, Round Steel Wire and PVC sheathed

APPLICATION

Locations under mechanical stress , underground , in power and switching stations , industrial plants

CONSTRUCTION

Conductors	: Class1 or class 2 acc.to IEC 60228
Insulation	: XLPE compound
Bedding	: Extruded elastomere compound
Armour	: Round Steel Wire
Sheath	: PVC Compound

TECHNICAL CHARACTERISTICS

CPR Class	: Eca
Rated Voltage	: 0,6/1 kV
Bending Radius	: 15D/12D
Max.conductor Temperature	: 90°C
Max.short-circuit Temperature	: 250°C

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color	:
2 core	: Brown-Blue
3 core	: Brown-Black-Grey
4 core	: Blue-Brown-Black-Grey
5 core	: Green/Yellow-Blue-Brown-Black-Grey

Sheath Color :
Black
Other colours available

STANDARD

IEC 60502-1



Trade Mark of MXN KABLO SANAYİ ve TİCARET LTD.ŞTİ.

Cu/XLPE/SWA/PVC (N2XRY-YXZ2V)

Power cable 0,6/1 kV with Cu conductors, XLPE insulated, Round Steel Wire and PVC sheathed

TWO CORE CABLES

:

Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
2x1,5	12,1	12,1	304	31	25
2x2,5	7,41	12,9	354	40	33
2x4	4,61	13,8	420	52	43
2x6	3,08	15,4	495	65	54
2x10	1,83	18,2	793	87	75
2x16	1,15	20,1	996	113	100
2x25	0,727	24,3	1523	146	136
2x35	0,268			176	165
2x50	0,387			208	201
2x70	0,268			256	255
2x95	0,193			307	314
2x120	0,153			349	364
2x150	0,124			391	416
2x185	0,0991			442	480
2x240	0,0754			509	565

THREE CORE CABLES

:

Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
3x1,5	12,1	12,5	335	30	24
3x2,5	7,41	13,4	395	40	32
3x4	4,61	14,5	480	52	42
3x6	3,08	15,5	575	64	53
3x10	1,83	19,1	910	86	73
3x16	1,15	21,3	1175	111	96
3x25	0,727	25,6	1780	143	130
3x35	0,268	28,0	2210	173	160
3x50	0,387	31,2	2740	205	195
3x70	0,268	36,3	3935	252	247
3x95	0,193	40,8	5015	303	305
3x120	0,153	44,7	6040	346	355
3x150	0,124	50,2	7692	390	407
3x185	0,0991	55,6	9381	441	469
3x240	0,0754	62,0	11815	511	551

Cu/XLPE/SWA/PVC (N2XRY-YXZ2V)

Power cable 0,6/1 kV with Cu conductors, XLPE insulated, Round Steel Wire and PVC sheathed

FOUR CORE CABLES

:

Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
3x16+10	1,15-1,83	22,4	1311	111	96
3x25+16	0,727-1,15	26,7	1962	143	130
3x35+16	0,524-1,15	28,8	2360	173	160
3x50+25	0,387-0,727	32,4	3017	205	195
3x70+35	0,268-0,524	35,1	4159	252	247
3x95+50	0,193-0,387	42,3	5475	303	305
3x120+70	0,153-0,268	46,8	6724	346	355
3x150+70	0,124-0,268	51,5	8328	390	407
3x185+95	0,0991-0,193	57,4	9254	441	469
3x240+120	0,0754-0,153	64,0	12929	511	551

FOUR CORE CABLES

:

Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
4x1,5	12,1	13,3	370	30	24
4x2,5	7,41	14,2	436	40	32
4x4	4,61	15,3	536	52	42
4x6	3,08	17,4	760	64	53
4x10	1,83	20,4	1043	86	73
4x16	1,15	22,9	1382	111	96
4x25	0,727	27,8	2115	143	130
4x35	0,268	30,5	2638	173	160
4x50	0,387	34,1	3327	205	195
4x70	0,268	39,8	4750	252	247
4x95	0,193	44,6	6107	303	305
4x120	0,153	50,6	7896	346	355
4x150	0,124	55,1	9412	390	407
4x185	0,0991	61,5	11575	441	469
4x240	0,0754	68,2	14559	511	551

Cu/XLPE/SWA/PVC (N2XRY-YXZ2V)

Power cable 0,6/1 kV with Cu conductors, XLPE insulated, Round Steel Wire and PVC sheathed

FIVE CORE CABLES :

Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
5x1,5	12,1	14,0	418	21	18
5x2,5	7,41	15,1	499	28	24
5x4	4,61	17,2	717	36	32
5x6	3,08	18,6	872	45	40
5x10	1,83	22,2	1250	60	55
5x16	1,15	25,6	1791	78	72
5x25	0,727	30,0	2450	100	98
5x35	0,268	33,0	3083	121	120
5x50	0,387	38,4	4242	144	146
5x70	0,268	43,4	5624	176	185
5x95	0,193	50,3	7710	212	229
5x120	0,153	55,1	9336	242	266
5x150	0,124			273	305
5x185	0,0991			309	352
5x240	0,0754	74,8	17318	358	413