MULTIPLEX CABLE (0,6/1kV)

INSULATED NEUTRAL CONDUCTOR

duplex

triplex

quadruplex

1. **Phase conductor:** Bare electrolytic copper, soft annealed, stranded compact circular section class 2, insulated with crosslinked compound (XLPE) 90°C; or thermoplastic compound (PE) 70°C.
2. **Insulated neutral support conductor:** Electrolytic copper, hard drawn, solid section class 1A or stranded circular section class 2A, insulated with crosslinked compound (XLPE) 90°C or thermoplastic compound (PE) 70°C.

IDENTIFICATION

MULTIPLEX CABLES are supplied in black and identified by numerical marking of the phases.

APPLICATION

MULTIPLEX CABLES are used in power supply and/or distribution circuits at voltages of 0,6/1kV, in overhead installations fixed to poles or facades.

PACKAGING

MULTIPLEX CABLES are normally supplied on wooden reels.

SPECIFICATIONS

NBR 8182 - Multiplexed self-supporting power cables with extruded thermoplastic (PE) or crosslinked (XLPE) polyethylene insulation for voltages up to 0,6/1kV.

MULTIPLEX CABLE (0,6/1kV) – INSULATED NEUTRAL

Reference			Nominal	Phase Conductor (COPPER)				Insulated Neutral Conductor (COPPER)				Overall	Net
PE Insulated	XLPE Insulated	Type	section (mm²)	Section (mm²)	No. of wires	Conductor diameter	Insulation thickness (mm)	Section (mm²)	No. of wires	Conductor diameter	Insulation thickness (mm)	diameter (mm)	weight (Kg/Km)
1653.02.012	1643.02.012	Duplex	1x10+10	10	1	3,5	1,2	10	7	4,08 RN	1,2	12,4	217
1633.02.012	1623.02.012				7	4,08 RN	1,2		7	4,08 RN	1,2	13,0	231
1613.02.012	1603.02.012				7	3,8 RC	1,2		7	4,08 RN	1,2	12,7	220
1633.02.013	1623.02.013		1x16+16	16	7	5,1 RN	1,2	16	7	5,1 RN	1,2	15,0	346
1613.02.013	1603.02.013				7	4,8 RC	1,2		7	5,1 RN	1,2	14,7	328
1653.03.012	1643.03.012	Triplex	2x10+10	10	1	3,5	1,2	10	7	4,08 RN	1,2	18,3	321
1633.03.012	1623.03.012				7	4,08 RN	1,2		7	4,08 RN	1,2	19,4	346
1613.03.012	1603.03.012				7	3,8 RC	1,2		7	4,08 RN	1,2	18,9	327
1633.03.013	1623.03.013		2x16+16	16	7	5,1 RN	1,2	16	7	5,1 RN	1,2	22,5	519
1613.03.013	1603.03.013				7	4,8 RC	1,2		7	5,1 RN	1,2	21,9	486
1613.03.014	1603.03.014		2x25+25	25	7	6,0 RC	1,4	25	7	6,18 RN	1,4	26,6	748
1613.03.015	1603.03.015		2x35+35	35	7	6,75 RC	1,6	35	7	7,5 RN	1,6	30,6	1060
1613.03.016	1603.03.016		2x50+50	50	9	8,1 RC	1,6	50	7	9,0 RN	1,6	34,8	1435
1613.03.017	1603.03.017		2x70+70	70	13	9,55 RC	1,8	70	7	10,4 RN	1,8	40,3	2020
1613.03.018	1603.03.018		2x95+95	95	17	11,3 RC	2,0	95	7	12,4 RN	2,0	47,0	2760
1613.03.019	1603.03.019		2x120+120	120	24	12,7 RC	2,0	120	19	14,5 RN	2,0	51,9	3515
1653.04.012	1643.04.012	Quadruplex	3x10+10	10	1	3,5	1,2	10	7	4,08 RN	1,2	18,3	425
1633.04.012	1623.04.012				7	4,08 RN	1,2		7	4,08 RN	1,2	19,4	461
1613.04.012	1603.04.012				7	3,8 RC	1,2		7	4,08 RN	1,2	18,9	434
1633.04.013	1623.04.013		3x16+16	16	7	5,1 RN	1,2	16	7	5,1 RN	1,2	22,5	693
1613.04.013	1603.04.013				7	4,8 RC	1,2		7	5,1 RN	1,2	21,9	644
1613.04.014	1603.04.014		3x25+25	25	7	6,0 RC	1,4	25	7	6,18 RN	1,4	26,6	998
1613.04.015	1603.04.015		3x35+35	35	7	6,75 RC	1,6	35	7	7,5 RN	1,6	30,6	1410
1613.04.016	1603.04.016		3x50+50	50	9	8,1 RC	1,6	50	7	9,0 RN	1,6	34,8	1900
1613.04.016	1603.04.016		3x70+70	70	13	9,55 RC	1,8	70	7	10,4 RN	1,8	40,3	2690
1613.04.018	1603.04.018		3x95+95	95	17	11,3 RC	2,0	95	7	12,4 RN	2,0	47,0	3660
1613.04.019	1603.04.019		3x120+120	120	24	12,7 RC	2,0	120	19	14,5 RN	2,0	51,9	4645

RN: Round Normal
RC: Round Compact