

## T2X Bundle Assembled Aerial Cables XLPE-insulated Application

Power distribution networks with rated voltages up to U0/U 0,6/1 kV.

For the realization of single-phase or three-phase electrical connections and for the realization of three-phase power supply networks for household subscribers and single-phase, two-phase or three-phase public lighting networks

## T2X Bundle Assembled Aerial Cables XLPE-insulated Cable Production standard

ST 125; SR HD 626 S1

## T2X Bundle Assembled Aerial Cables XLPE-insulated Cable Construction

Phase conductor: Solid conductor (re) (section  $\leq 16 \text{ mm}^2$ ), concentrically stranded aluminium conductor (rm)

Null conductor: Concentrically stranded steel-aluminum conductor (rm)

Insulation: Crosslinked polyethylene, TIX 2 type.

Insulation color: Black

## T2X Bundle Assembled Aerial Cables XLPE-insulated Parameter

Conductor cross-section	max Ia 20°C Electric resistance at 20°C, C, max. $\Omega/\text{km}$	Permissible charge A	No. of wires in conductor, min.	Nominal radial insulation thickness mm	Breaking strength kN	Diamext nominal Nominal outer diam. mm
10	3.08	70	1	1.1	1.6	5.8
16	1.91	90	1	1.1	2.4	7.2
25	1.2	107	7	1.3	3.7	9.0
35	0.868	132	7	1.3	5.2	9.6
50	0.641	165	7	1.5	7.2	11.1
70	0.443	205	14	1.5	12.4	12.7
95	0.32	240	19	1.7	16.8	14.8
Conductor neutru 50/8	0.595	165	6/1	1.5	16.8	11.9
70/12	0.413	205	26/7	1.5	25.77	12.7
95/15	0.320	240	26/7	1.7	33.72	14.8

Cable type	Total cable mass, inf. kg/km	Cable type	Total cable mass, inf kg/km
T2X 10AI+16 AI	101	T2X 50 OL-AI+3x35AI +2x16AI	747
T2X 16AI+25 AI	153	T2X 50 OL-AI+3x35AI+3x16AI	813
T2X 2x10AI	86	T2X 50 OL-AI+3x35AI+1x35AI	746
T2X 2x10AI+16AI	142	T2X 50 OL-AI+1x50AI	405
T2X 2x16AI	118	T2X 50 OL-AI+3x50AI	745
T2X 2x25AI	188	T2X 50 OL-AI+3x50AI +1x16AI	804
T2X 3x16AI+25AI	271	T2X 50 OL-AI+3x50AI+2x16AI	863
T2X 3x25AI +16AI	345	T2X 50 OL-AI+3x50AI+3x16AI	924
T2X 3x35AI	464	T2X 50 OL-AI+3x50AI +1x25AI	839
T2X 4x10AI	172	T2X 50 OL-AI+3x50AI+3x25AI	1032
T2X 4x16AI	250	T2X 50 OL-AI+3x50AI +1x35AI	869