



Copper Conductors & XLPE +2.5 % C.B

Description

- They are composed of one or more insulated conductors and one neutral (bare or insulated) conductor. They are required as two (Duplex) or three (Triplex) or four (Quadru-plex) conductors, XLPE with 2.5% Carbon black insulated.
- As per NEMA WC 7/IEC60228

Application

- They are used for secondary over head lines (in circuits not exceeding 1000 volts phase to phase) on poles or as feeders to residential premises.

Copper conductors with bare neutral adopted from IEC 60228.

Product – Code	Phase		Max. DC, resistance at 20°C	Approx. Overall Diameter	Approx. Weight
	Nominal cross sectional area	Insulation thickness			
	mm ²	mm	Ω / km	kn	mm
Two conductors (Duplex)					
H014W202	10	1.2	1.830	10.7	198
H015W202	16	1.2	1.150	12.8	307
H016W202	25	1.2	0.727	15.3	469
H017W202	35	1.2	0.524	17.6	650
H018W202	50	1.5	0.387	21.2	898
H019W202	70	1.5	0.268	24.5	1247
H020W202	95	1.5	0.193	28.3	1736
H021W202	120	1.7	0.153	31.8	2170
Three conductors (Triplex)					
H014W203	10	1.2	1.830	13.7	305
H015W203	16	1.2	1.150	15.8	471
H016W203	25	1.2	0.727	18.5	719
H017W203	35	1.2	0.524	20.7	991
H018W203	50	1.5	0.387	25.0	1357
H019W203	70	1.5	0.268	28.7	1900
H020W203	95	1.5	0.193	32.4	2631
H021W203	120	1.7	0.153	36.6	3285
Four conductors (Quadruplex)					
H014W204	10	1.2	1.830	16.3	413
H015W204	16	1.2	1.150	18.8	634
H016W204	25	1.2	0.727	22.0	970
H017W204	35	1.2	0.524	24.6	1332
H018W204	50	1.5	0.387	29.8	1821
H019W204	70	1.5	0.268	34.2	2553
H020W204	95	1.5	0.193	38.6	3526
H021W204	120	1.7	0.153	43.5	4579

The above data is approximate and subjected to manufacturing tolerance.