

Drop Wire

CU/PE or PVC+ Galvanized Steel Wire



Self-Supporting Drop Wires

Construction

Conductor: Solid annealed bare copper 0.6 mm or 0.9mm as per ASTM B-3/class 1 of IEC 60228.

Steel Bearer Wire: Galvanized steel wire, solid.

Insulation :

- Black PE Type 1 Class C Category 4 or 5 Grade J-3 as per ASTM D1248
- High density black PVC which can be made ultraviolet resistant by addition of carbon black.

Technical data

Temperature range

During installation : -20 °C up to +50 °C
fixed installed: -30 °C up to +70 °C
ambient temperature at storage: up to 40 °C

Test voltage: 15KV DC / 5Sec

Minimal inner bending radius: 8D

Nominal Insulation Thickness : 0.8mm

Insulation Resistance 500v/1min: 2000 MΩ/km

Nominal Diameter of Steel Wire Core : 0.7 mm

Tensile Strength of Steel Wire : 1400N/mm²

Maximum Breaking Strength : 155 Kg



APPLICATION

The drop wires are designed for extending a distribution cable pair from a pole or cable terminal to a subscriber premises. The cables are suitable for aerial installation.

DESIGN STANDARDS

RUS (REA) PE-7
TCT C229

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Code No	conductor Size	Diameter of Supporting Wire	Nominal Insulation Diameter	Insulation thickness	Conductor resistance at 20 °C	Cable weight	Mutual Capacitance	Packing*
	mm	nominal n x mm	min-max. mm	nominal mm	max. Ω/km	approx. kg/km	nf/km	
11415	2 x 0.6	1 x 0.7	2.2-2.3	0.8	63.0	19	39±2	c.500
11425	2 x 0.9	1 x 1.2	3.05-3.1	1.0	28.0	29	39±2	c.500

*)Packing: c.500 = coil 500 m ; Other length as request