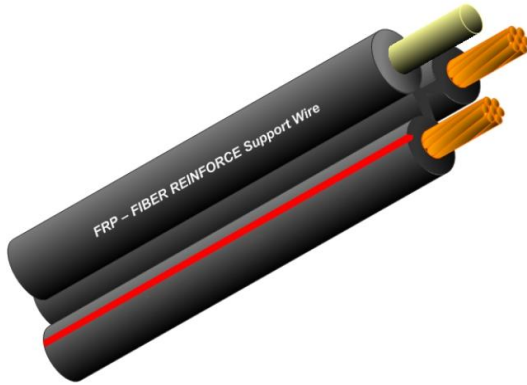
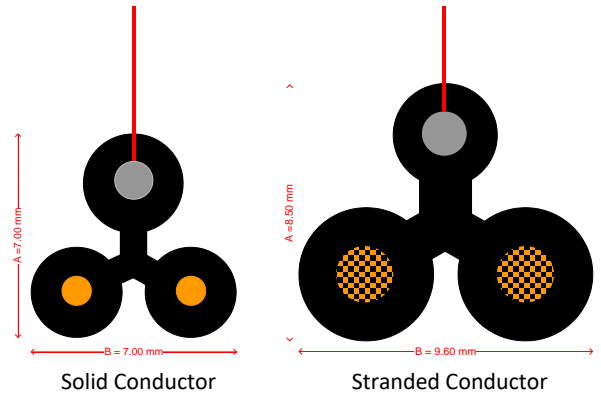


Dropwire Power Cable

NON-METALLIC SELF-SUPPORT DROP WIRE



FRP (Fiberglass Reinforced Plastic) Messenger



Overview

Drop Wire for Outdoor Telephony and Audio Distribution System. This is a special designed cable using FRP (Fiberglass Reinforced Plastic) Messenger to avoid static electricity induced by the installation environment. Available in many Wire Size and Conductor Material such as Bare Copper and Copper Clad Steel.

Construction & Application

Construction : Solid or Stranded, Pure Copper Center Conductor
 : High Strength support rod, FRP (Fiberglass Reinforced Plastic)
 : High Quality PVC Jacket

Application & Usages : Interconnecting Outdoor Telephone / Village Audio Broadcasting System

Mechanical Specifications

Tensile Strength : $\geq 1,200$
 Elongation : $\leq 4\%$
 Bending Strength : $\geq 1,100$ Mpa
 Tensile Elasticity Modulus : ≥ 50 Gpa
 Bending Elasticity Modulus : ≥ 50 Gpa

Electrical Specifications

Bare Copper@20C	Ø0.65mm	Ø0.90mm	Ø1.36mm	Ø1.75mm	21Ø0.30mm	35/Ø0.30mm
Nom. Inner DC Resistance (Ohm/km)	50.63	26.41	12.1	7.41	11.41	6.85



Manufacturer certified ISO 9001:

Cable Physical Constructions (Solid Copper)

Number of core	Conductor Diameter (no./mm)	Nominal Insulation Thickness ($\pm 0.20\text{mm}$)	Nominal FRP Diameter (mm)	Approx. Overall Diameter		Standard Length
				A ($\pm 0.20\text{mm}$)	B ($\pm 0.22\text{mm}$)	
2	1/0.65 BC	1.05	1.20	7.00	7.00	200
2	1/0.90 BC	0.95	1.20	7.00	7.00	200
2	1/1.36 BC	1.30	1.20	8.50	9.60	200
2	1/1.75 BC	1.15(2.5 sq.mm.)	1.20	8.50	9.60	200

Cable Physical Constructions (Stranded Copper)

Number of core	Conductor Diameter (no./mm)	Nominal Insulation Thickness ($\pm 0.20\text{mm}$)	Nominal FRP Diameter (mm)	Approx. Overall Diameter		Standard Length
				A ($\pm 0.20\text{mm}$)	B ($\pm 0.22\text{mm}$)	
2	21/0.30 BC	1.30	1.20	8.50	9.60	200
2	35/0.30 BC	1.15	1.20	8.50	9.60	200