

PVC INSULATED AND SELF-SUPPORTED TELEPHONE DROP-WIRE

S-S DROP WIRE



S-S DROP WIRE (TWO-CORES)

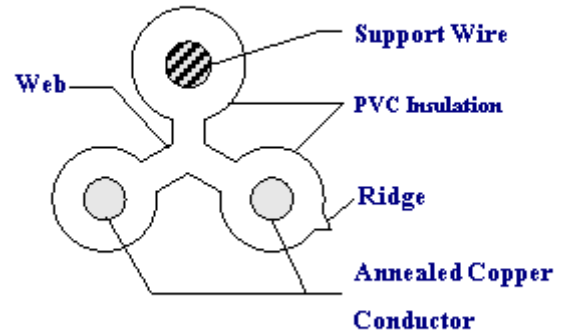


Fig. 1 Cross - Section

S-S DROP WIRE (TWO-PAIRS)

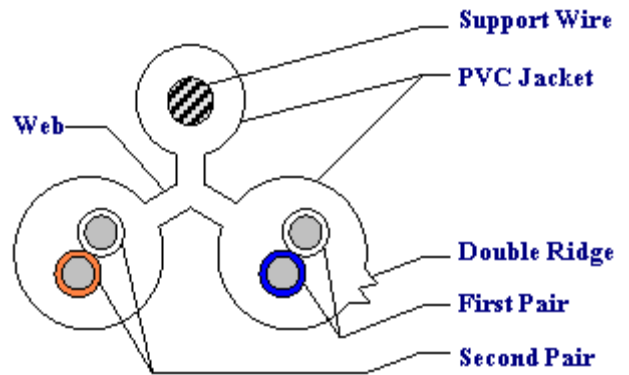


Fig. 2 Cross - Section

Identification Marker : Shall be marked with manufacturer's name or trade mark year of manufacturer size of drop wire.

Conductor Diameter and No. of Core/Pair	Overall Dia. Approx.(mm)	Cable Weight Approx.(kg/km)	Standard Length (m)
0.65 MM. x 2C	7	42	200
0.9 MM. x 2C	8	52	200
0.65 MM. x 2P	8	58	200
0.9 MM. x 2P	9	80	200

Remark : Further length can be cut to request customers

	CONSTRUCTION	
	S-S DROP WIRE (TWO - CORES)	S-S DROP WIRE (TWO - PAIRS)
Conductor	Solid annealed copper wire 0.65 and 0.9 mm. (22,19 AWG) in size.	Solid annealed copper wire 0.65 and 0.9 mm. (22,10 AWG) in size.
Insulation	Polyvinyl Chloride insulation coloured black	Polyethylene insulation
1st Pair Insulation 2nd Pair Insulation	–	White / Blue White / Orange
Jacket	–	Polyvinyl Chloride coloured black
Support wire	Support wire shall be of round steel wire and zinc coated Diameter 1.2 ±0.04 mm.	Support wire shall be of round steel wire and zinc coated Diameter 1.2 ± 0.04 mm.
Assembly	Dropwire shall be integrally of two parallel pvc insulated copper conductors and a pvc sheathed supporting steel wire. One of the insulated conductor shall be ridged for polarity	–

ELECTRICAL CHARACTERISTICS :

S-S DROP WIRE (TWO - CORES)	S-S DROP WIRE (TWO - PAIRS)
Conductor resistance at temp. 20 °C 0.65 mm. = 57.1 Ohm/km 0.90 mm. = 28.5 Ohm/km	Conductor resistance at temp 20 °C 0.65mm. = 57.1 Ohm/km 0.90 mm. = 28.5 Ohm/km
Insulation resistance at temp. 20 °C with DC. potential of 500 Volt. Min = 400 Meg. Ohm - km	Insulation resistance at temp. 20 °C with DC.potential of 500 Volt. Min =1,000 Meg. Ohm - km
Dielectric strength with DC voltage (1 minute) Immersed in water 4 Hrs. (DC.) = 4.5 kv.	Dielectric strength with DC voltage (3 seconds) = 1.5 kv.