



18AWG Telephone Drop Wire Specification

2Cx1.02MM

Cross Section



Application

Telephone Drop Wire are designed for extending an open wire line or distribution cable pair from a pole and/or cable terminal to a building. Single-pair, PVC-insulated aerial drop wire designed for use in extending telephone circuits to subscriber premises by means of an aerial drop from distribution wire or cable.

Construction

Conductor	Solid Bare Copper
AWG	18AWG X 2C
Conductor Dia. (±0.004mm)	1.02mm
Jacket	PVC
Average Thickness(mm)	0.50mm
Min. Point Thickness(mm)	0.45mm
Outer Dia.(±0.1mm)	2.5*7.1mm

One yellow tracer on One edge of the jacket provides conductor for identification.

Package

300M ROLL

Performance

Electrical Characteristics:

Conductor DC Resistance 20oC (ohms/km)	21.4
Proof voltage	Min AC1.5KV
AC Leakage Current Through overall	AC 1500V ≤ 10mA
Jacket	< 9.8 nF//100M

Description

Rated Temperature (oC)	75
Rated Voltage(V)	300

Mechanical Characteristics:

insulation

Aging before elongation (%)	≥ 150
Tensile strength before aging	16.5 Mpa
Ageing condition	(100℃ 168h)
After aging biggest elongation rate (%)	≥ 150
Tensile strength after aging	14.2 Mpa

jacket

Aging before elongation (%)	≥ 150
Tensile strength before aging	13.8 Mpa
Ageing condition	(100℃ 168h)
After aging biggest elongation rate (%)	≥ 150
Tensile strength after aging	11.7 Mpa
Cold Bend Test	-20℃ 4hours No Cracking