

## Datasheet

### Thinnet Coaxial Cable

RS Stock number 182-9076



#### Description:

A range of extension leads for use within thin-ethernet systems fully complying with IEEE 802-3 10 base 2. Each lead is terminated with BNC plug connectors and cable strain relief. Available in five lengths from 1 to 5 metres.

### Mechanical Data:

Description Diameter	Construction Details	Outside Diameter
Inner Conductor	20AWG (19x0.20) Stranded tinned copper wire	1.00mm nominal
Dielectric	High density cellular polyethylene	2.59mm +/- 0.10mm
Inner Shield	Sealed aluminium mylar tape wrapped 100% coverage	2.69mm nominal
Outer Shield	36AWG tinned copper wire braid, 95% shield coverage	3.29mm nominal
Jacket	Non-contaminating PVC, colour grey	4.70mm +/-0.10mm

### Electrical Data:

Attenuation	4.26DB/100M at 10MHz
Impedance	50Ω +/- 2Ω
Velocity of Propagation	80% nominal
Capacitance	89pF/M +/-3%
DC Resistance	28.9Ω/km