

## TC LOOP SERIES

High Performance Fixed  
Instrumentation Traffic Loop Cable  
250V 80°C



### APPLICATIONS:

**Traffic Signals** Operating in the frequency range 20kHz to 200kHz. Suitable for slots cut into the road surface.

### PRODUCT FEATURES:

- ▶ UV resistant
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (See *Technical Section*)

### CONSTRUCTION:

**Conductor** Annealed plain copper stranded (Class 2).  
**Insulation** PP - Polypropylene.

### CHARACTERISTICS:

**Operating Temperature Range** Fixed -10°C to 80°C.  
**Maximum Conductor Temperature** 80°C.  
**Min. Insulation Resistance** 20G Ω/km @ 500Vdc.  
**Rated Voltage** 250V.  
**Minimum Bending Radius** 12 x cable diameter.  
**Sheath Colour** Black.  
**Relevant Standards** AS/NZS 2276.3, AS/NZS 1125, AS/NZS 1660, AS/NZS 1049 and **RoHS** Compliant.

Code	No. of Cores x Size (mm <sup>2</sup> )	Approx. Stranding No. of wires x mm	Insulation Thickness (mm)	Max D.C. Resistance of conductor at 20°C Ω/km	Frequency Range (kHz)	Approx. Overall Diameter (mm)
<b>TC001.5BK</b>	1 x 1.5	7/0.5	0.8	13.8	20 to 200	3.5