

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 ²) | 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) |
|------------------|--|--|---------------------------------|---|-----------------------------|-------------------------------------|
| TC001.5BK | 1 x 1.5 | 7/0.5 | 0.8 | 13.8 | 20 to 200 | 3.5 |