TC 36 SERIES

High Performance Fixed Traffic Signal 36 Core Cable 0.6/1kV 90°C

APPLICATIONS:

Traffic Signals Underground multicore cable for the interconnection of traffic signal posts and control equipment.

PRODUCT FEATURES:

- UV stabilised
- ► Flame retardant
- Direct burial
- ▶ Heat, oil and chemical resistant (See Technical Section)



CONSTRUCTION:

Conductor Annealed plain copper stranded (Class 2). **Insulation** V-90 SPVC. **Sheath** PVC 5V-90.

CHARACTERISTICS:

Operating Temperature Range Fixed -5°C to 90°C.

Maximum Conductor Temperature 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

Rated Voltage Uo/U 0.6/1kV.

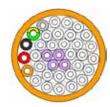
Max AC Operating Voltage Uo 0.7kV.

Minimum Bending Radius Fixed 7.5 x cable diameter.

Sheath Colour Orange.

Relevant Standards AS/NZS 2276.1, AS/NZS 1125, AS/NZS 3808,

RoHS Compliant.



LAYUP CONSTRUCTION

Centre: 1 Core: Violet (ONE)

Second Layer: 6 cores: Violet (TWO to FOUR) + White (ONE to THREE)

Third Layer: 12 cores: White (FOUR to FIFTEEN)

Fourth Layer: 17 Cores: White (SIXTEEN to TWENTY SEVEN) + Orange + Red + Black +

Green/Yellow + Grey

Code	No. of Cores x Size (mm²)	Approx. Stranding No. of wires x mm ²	Insulation Colour	Max D.C. Resistance of conductor at 20°C (ohm/kM)	Approx. Weight (Kg/Km)	Approx. Overall Diameter (mm)
TC36OR	3 x 2.5	7/0.67	Orange, Red, Black	7.41	1400	26.0
	1 x 4.0	7/0.85	Green, Yellow	4.61		
	32 x 1.5	7/0.50	Grey, Violet – No: 1 to 4 White – No: 1 to 27	13.60		

