

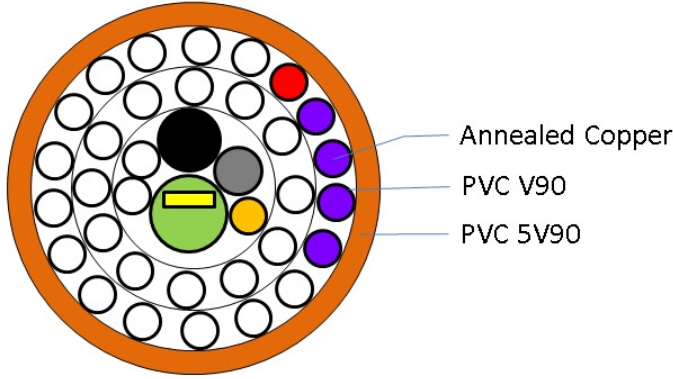
36 CORE FLEXIBLE TRAFFIC SIGNAL CABLE

STREET LIGHTING / TRAFFIC CONTROL CABLES

PVC/PVC 36 CORE (33 x 1.5mm² + 1 x 2.5mm² + 1 x 4.0mm² + 1 x 6.0mm²) CABLE 0.6/1KV TO AS2276.1

CABLE APPLICATION

Description
 Connection of Traffic Light Signal Systems.



CABLE DESIGN

Conductor
 Flexible plain annealed copper to AS/NZS 1125

Insulation
 PVC V90 to AS/NZS 3808

Layup Construction
 Central - 1 Core - Green/Yellow + 5 Cores - Black, Grey, Orange, White with Numbers(1-2) + filler
 Mid - 12 Cores - White with Numbers (3-14)
 Outer - 18 Cores White with Numbers (15-27), Violet with Numbers (P1-P4), Red
 Diameter of Layup 26.3mm

Sheath
 5V90 PVC to AS/NZS 3808 (Orange)

Certification
 To Qld Mains Roads requirement MRTS 256 Certificate No. 17-06

CHARACTERISTICS

Part Number	Conductor			Insulation				Sheath		Conductor resistance (Max)		Approx. Cable Weight Kg/m
	No. of Core	Nom. Area mm ²	No. & Dia. of Wires No./mm	Nom. Dia. mm	Nom. Insulation Thickness mm	Min. Nom. Ins. Thickness mm	Nom. Insulation Dia. mm	Nom. Sheath Thickness mm	Min. Dia. over Ins. mm	Overall Sheath Dia.	DC at 20°C Ohm/km	
TFRCC36TRAFFIC 1	2.5		50/0.25	2.0	0.8	0.62	3.6	1.8	1.43	30.0	7.98	6.2
1	4.0		56/0.30	2.6	1.0	0.8	4.6				4.95	
1	6.0		84/0.30	3.2	1.0	0.8	5.2				3.3	
33	1.5		30/0.25	1.6	0.8	0.62	3.2				13.3	

0.6/1KV, CU

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