

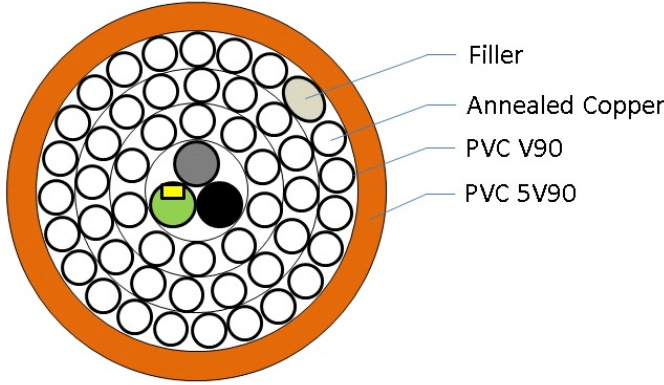
51 CORE TRAFFIC SIGNAL CABLE

STREET LIGHTING / TRAFFIC CONTROL CABLES

PVC/PVC 51 CORE (48 x 1.5mm<sup>2</sup> + 3 x 4.0mm<sup>2</sup>) CABLE 0.6/1KV TO AS2276.1

CABLE APPLICATION

**Description**  
 Connection of Traffic Light Signal Systems.



CABLE DESIGN

**Conductor**  
 Plain annealed Copper to AS/NZS 1125  
**Insulation**  
 PVC V90 to AS/NZS 3808  
**Layup Construction**  
 Central - 3 Cores - Black, Grey, Green/Yellow  
 Inner - 10 Cores White with Numbers (1-10)  
 Mid - 16 Cores - White with Numbers (11-26)  
 Outer - 22 Cores White with Numbers (27-48)  
 Diameter of Layup 28.5mm  
**Sheath**  
 5V90 PVC to AS/NZS 3808 (Orange)  
**Certification**  
 To Old Mains Roads requirements MRTS 256

CHARACTERISTICS

Part Number	Conductor			Insulation				Sheath		Conductor resistance (Max)	Weight	
	No. of Core	Nom. Area mm <sup>2</sup>	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	Approx. Cable Weight Kg/m
TFRCC51CTRAFFIC 3	4.0	7/0.85	2.5	1.0	1.0	0.8	4.6	2.0	1.6	32.5	4.61	10.2
	48	1.5	7/0.50	1.5	0.8	0.62	3.1				13.6	

0.6/1KV, CU

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