

INSTRUMENTATION

Traffic Multicore Cable

13-51 Core



APPLICATION		
PVC insulated and sheathed underground multicore cable. For the interconnection of traffic signal posts and the associated control equipment.	STANDARD	AS/NZS 2276.1
	VOLTAGE	600/1000V
	CONDUCTOR	Annealed Copper
	INSULATION	PVC, V - 90
	COLOUR (2.5mm ² , 4mm ²)	Black, Grey, Green/yellow
	COLOUR (1.5mm ²)	White (with number marking)
	SHEATH	PVC, 5V - 90 Orange
	Normal Operating Temp.	75 °C

TECHNICAL SPECIFICATIONS

ITEM NUMBER	CONDUCTOR			OVERALL DIAMETER	SHEATH RADIAL	APPROX. MASS	MINIMUM INSTALLED BENDING RADIUS
	NUMBER OF CORES	mm ²	(No./mm)				
15097131	3	2.5	7/0.67	18.1	1.8	500	110
	10	1.5	7/0.50				
15091131	3	2.5	7/0.67	20.1	1.8	620	130
	16	1.5	7/0.5				
15087131	3	2.5	7/0.67	24.5	1.8	870	160
	26	1.5	7/0.5				
15092131	3	4.0	7/0.85	32.4	2.0	1550	210
	48	1.5	7/0.5				

CONDUCTOR			
NOMINAL AREA mm ²	NOMINAL DIAMETER mm	MAXIMUM DC CONDUCTOR RESISTANCE AT 20 °C Ω/km	AVERAGE INSULATION THICKNESS mm
1.5	1.5	13.6	0.8
2.5	2.0	7.41	0.8
4.0	2.5	4.61	1.0