

TRAFFIC SYSTEM CABLE

LOOP DETECTION • CONTROLLER TO LIGHTS



Traffic Loop Cable

Application: Vehicle detection loops / Inductive-loop traffic detectors



Physical Characteristics	
Conductor	Stranded Tinned Copper
Insulation	XLPE X-90
Operating Temp.	-20°C to +90°C
Min. Bend Radius (6xD)	24mm
Pack Qty	500m / 1000m Drum
Electrical Characteristics	
Voltage	Extra Low Voltage – Not suitable for main connection
STANDARDS: AS/NZS 2276.3	

No. of Core	Nominal Area (mm ²)	Conductor No./Dia (mm ²)	Insulation Thickness (mm)	Max. Conductor DC Resistance @ 20°C (Ω/km)	Product Code
1	1.5	7/0.5	1.24	<13.54	AU-LDC17050

36 Core Traffic Control Cable

Application: Traffic Systems – Controller to lights



Physical Characteristics	
Conductor	Plain annealed copper wire standard to AS/NZS1125, Class 2
Insulation	V90 PVC comply to AS/NZS3808
Layup Construction	6 Cores: Central Green/ Yellow, Orange, Red, Black, Grey, Violet(1), filler 12 Cores: Violet core with number (2-4), White core with number(1-9) 18 Cores: White core with number(9-27)
Sheath	5V90 PVC (Orange) complies to AS/NZS3808
Electrical Characteristics	
Voltage	600V / 1000V, AS/NZS 2276.1:2001
STANDARDS: AS/NZS 2276.1:2001	

No. of Core	Nominal Area (mm ²)	Number of Cores	Nominal Area (mm ²)	Conductor No./Dia (mm)	Conductor Insulation O.D.	Conductor Insulation O.D.	Max. Conductor DC Resistance @ 20°C (Ω/km)	Conductor Nominal O.D. (mm)	Nominal O.D. (mm)
36 Core	3x2.5mm ²	3	2.5	7/0.67	0.8	3.6	7.41	2.0	27.2
	1x4mm ²	1	4	7/0.85	1.0	4.55	4.61	2.55	
	2x1.5mm ²	32	1.5	7/0.5	0.8	3.1	13.6	1.5	