

INSTRUMENTATION

Traffic Feeder Cable

1 Pair



APPLICATION		
<p>For use in traffic signal installations for the interconnection of vehicle detector equipment and inductive type vehicle detector loops.</p> <p>This cable is fully water blocked including the conductors and fully complies with the water penetration requirements set out in AS/NZS 2276.2</p>	STANDARD	AS/NZS 2276.2
	CONDUCTOR	Annealed Copper & Water Blocking
	INSULATION	Polyethylene Black
	FILLING	Petroleum Jelly
	BELT	Polyethylene
	SCREEN	Aluminium/Polyester tape with 7/0.25mm Tinned Copper Drain Wire & Water Blocking
	FILLING	Petroleum Jelly
	SHEATH	PVC, 5V - 90 Black
	Normal Operating Temp.	70 °C

ITEM NUMBER	NUMBER OF PAIRS	CONDUCTOR	INSULATION THICKNESS	MAXIMUM OVERALL DIAMETER	MINIMUM SHEATH RADIAL	APPROXIMATE MASS	MINIMUM INSTALLED BENDING RADIUS
		No./mm	mm	mm	mm	kg/km	mm
25035016	1	7/0.5	0.5	9.5	0.8	100	45

ELECTRICAL CHARACTERISTICS		
PROPERTY	VALUE	UNITS
DC Conductor Resistance @ 20°C	13.6	Ω/km
Insulation Resistance (Min) @ 500V dc	20000	GΩ.m
Mutual capacitance @1 kHz	65 - 80	pF/m
Characteristic Impedance @ 25kHz - 100 kHz	80 - 100	Ω