

Traffic Cable

Loop Detector Cable



Application:

For use in inductive vehicle-detector loops within traffic signal installations

Benefits	
Extra Heavy Duty	Exceptional mechanical strength, impact and abrasion resistance
High UV Resistance	High carbon content insulation provides excellent UV protection
Chemical Resistant	Resistant to a range of chemicals
Features	
✓ Tinned copper strands for corrosion protection	
✓ High temperature insulation for high ambient temperature applications	
✓ Cross-Linked insulation for additional mechanical and thermal stability	
Construction	
Conductor	Tinned annealed copper wire, class 2
Insulation	X-90UV
Colour	Black
Ratings	
Temperature	-10°C to + 90°C
Voltage	250/250V
Applicable Standards	AS/NZS1125, AS/NZS2276.3, AS/NZS3808

Loop Detector Cable

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. of Strands/mm	Nom Ø mm	Weight kg/km
46005BKM	1.5	7/0.50	3.9	24



Tinned Copper for Corrosion Resistance



Minimum Service Temperature: -10°C



Maximum Service Temperature: 90°C



Impact Resistant



Abrasion Resistant



UV Resistant



Halogen Free



Minimum Recommended Bend Radius Fixed 6 x OD

SYDNEY (Head Office)
102 Old Pittwater Road
Brookvale NSW 2100
Phone: 02 9938 5622
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BRISBANE
2/284 Musgrave Road
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9/24-26 Carrick Drive
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Phone: 03 9335 2600
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NEWCASTLE
64 Orlando Road
Lambton NSW 2299
Phone: 02 4956 2044
Fax: 02 4956 1983

WESTERN AUSTRALIA
1 Karratha St
Welshpool WA 6106
Phone: 08 9351 9966
Fax: 08 9356 2522



Traffic Cable

Traffic Feeder Cable



Application:

For use in inductive vehicle detector loops with traffic signal applications, connecting the control box to the loop detector cable.

Benefits	
Water Blocking Gel	Inert gel prevents any ingress of water up the cable
Easy to Use	Water blocking gel is easy to wipe away and does not stick to hands
Excellent Electrical Integrity	Blocking agent minimises any change in electrical characteristics
Suitable for Outdoors	UV resistant sheath allows for installation outside
Features	
✓	Double application of water blocking agent for further protection against ingress of water
✓	Multi-pair cable version allows for easier installation
✓	Robust materials provides additional mechanical, impact and abrasion resistance
✓	Water blocking gel is very easy to use and wipes away to nothing
Construction	
Conductor	Plain annealed copper wire, class 2
Insulation	PE
Pair Colours	Black/Black (Single Pair) Red/White, Blue/White, Black/White (3 Pair)
Water Block	Gel Filled
Bedding	PE
Screen	Aluminium/Polyester tape with 7/0.25mm TC drain wire
Sheath	5V90 PVC
Ratings	
Temperature	-10°C to + 70°C
Voltage	ELV
Characteristic Impedance (25kHz – 100kHz)	80-100Ω
Mutual Capacitance (1kHz)	65-80pF/m
Unbalanced Capacitance (1kHz)	<2%
Applicable Standards	AS/NZS1125, AS/NZS2276.2, AS/NZS3808

Traffic Feeder Cable

Bambach Item Code	No. of Pairs x Conductor CSA mm ²	Conductor Stranding No. of Strands/mm	Nom Ø mm	Weight kg/km
46000BKD	1 x 1.5	7/0.50	8.7	98
46015BKD	3 x 1.5	7/0.50	13.5	237



Copper



Minimum Service Temperature: -10°C



Maximum Service Temperature: 70°C



Impact Resistant



Abrasion Resistant



Flame Non-Propagation



UV Resistant



Minimum Recommended Bend Radius Fixed 6 x OD

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