

Control Cable

Multi-Core Flexible Tinned Copper Cable



Application:

For use in control and measurement of equipment. Cable can be installed for instrument to instrument connection, electrical sensing, electrical measuring devices and general transmission of electrical signals

Benefits	
Easy to Install	Flexible cable using class 5 conductors
Easy to Use	White cores with black numbers make the cores easily identified in low light
Extremely Flexible	Flexible insulation and sheath for use in confined & difficult applications
Easy to Solder	Easy to solder tinned copper conductors
Marine Applications	Tinned copper conductors minimise corrosion in marine environments
Suitable for Outdoors	UV resistant black PVC sheath provides extended life outdoors

Features	
✓	Oxygen free tinned copper for high conductivity soldered connections and corrosion protection
✓	Fine stranded conductors for high flexing
✓	RoHS compliant to European environmental requirements
✓	V90-HT insulation for high ambient temperature at terminations , long term durability and flexibility
✓	Highly flexible 5V90 sheath for easy bending in restricted spaces

Construction	
Conductor	Oxygen free tinned annealed copper wire, class 5
Insulation	V90-HT PVC
Sheath	5V90 PVC
Colours	White cores with black numbering and green/yellow earth

Ratings	
Temperature	-10°C to + 90°C
Voltage	450/750V
Applicable Standards	AS/NZS1125, AS/NZS3808, AS/NZS5000.3, AS/NZS1660.5.6, IEC 60228, IEC 60332-1



Flexible Conductor:
Class 5



Oxygen Free, Tinned
Copper for Corrosion
Resistance



Minimum Service
Temperature:
-10°C



Maximum Service
Temperature:
90°C



Maximum Short Circuit
Temperature:
160°C (Max 5s)



Impact Resistant



Abrasion Resistant



Chemical & Oil Resistant



UV Resistant



Flame
Non-Propagation



Metre Marking



Minimum Recommended
Bend Radius Fixed 4 x OD

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Multi-Core, Flexible Tinned Copper Control Cables

Bambach Item Code	Construction x Conductor CSA mm ²	Conductor Stranding No. Strands/mm	Nom Ø mm	Weight kg/km
15030	4 x 0.5	16/0.20	7.5	68
15031	5 x 0.5	16/0.20	8.1	79
15032	7 x 0.5	16/0.20	8.7	100
15033	12 x 0.5	16/0.20	11.4	161
14468	18 x 0.5	16/0.20	13.2	228
15034	25 x 0.5	16/0.20	15.5	305
15035	3 x 0.75	24/0.20	7.4	67
15036	4 x 0.75	24/0.20	8.0	82
14447	5 x 0.75	24/0.20	8.6	98
14451	7 x 0.75	24/0.20	9.4	126
14459	12 x 0.75	24/0.20	12.3	205
14470	18 x 0.75	24/0.20	14.3	289
14485	25 x 0.75	24/0.20	16.8	394
15037	3 x 1	32/0.20	7.8	78
15038	4 x 1	32/0.20	8.5	96
15039	5 x 1	32/0.20	9.3	114
14454	7 x 1	32/0.20	10.0	150
14460	12 x 1	32/0.20	13.1	245
14617	18 x 1	32/0.20	15.4	350
15040	25 x 1	32/0.20	18.1	475
15041	3 x 1.5	30/0.25	8.5	98
14448	4 x 1.5	30/0.25	9.1	125
15042	5 x 1.5	30/0.25	10.1	147
14458	7 x 1.5	30/0.25	10.9	193
14462	12 x 1.5	30/0.25	14.3	315
14464	18 x 1.5	30/0.25	16.8	445
14490	25 x 1.5	30/0.25	19.7	619

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