

Control Cable

Flexible Control Cable, Flexible Multi-Core 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	Tinned copper conductors
Marine Applications	Tinned copper conductors minimise corrosion in marine environments
Suitable for Outdoors	UV resistant black PVC sheath provides extended outdoor life
Features	
✓	Tinned copper conductors for reduced oxidation effects
✓	Fine stranded conductors for high flexing
✓	RoHS compliant PVC to European environmental requirements
✓	V90-HT insulation for high ambient temperature at terminations
✓	V90-HT insulation for long term durability and flexibility
✓	Highly flexible 5V90 sheath for easy bending in restricted spaces
Construction	
Conductor	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	0°C to + 90°C
Voltage	300/500V
Applicable Standards	AS/NZS1125, AS/NZS3808



Flexible Conductor:
Class 5



Tinned Copper
for Corrosion Resistance



Minimum Service
Temperature:
0°C



Maximum Service
Temperature:
90°C



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



Impact Resistant



Abrasion Resistant



Chemical & Oil Resistant



Flame
Non-Propagation



UV Resistant



Minimum Recommended
Bend Radius Fixed 4 x OD

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Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. Strands/mm	Construction	Nom Ø mm	Weight kg/km
14448BKS	1.5	30/0.25	3 Core + E	8.1	118
14447BKS	0.75	24/0.20	4 Core + E	7.8	99
14451BKS	0.75	24/0.20	6 Core + E	8.7	129
14454BKS	1	32/0.20	6 Core + E	8.9	142
14458BKS	1.5	30/0.25	6 Core + E	9.7	206
14459BKS	0.75	24/0.20	11 Core + E	10.9	226
14460BKS	1	32/0.2	11 Core + E	11.8	249
14462BKS	1.5	30/0.25	11 Core + E	13.5	311
14466BKS	2.5	50/0.25	11 Core + E	15.5	455
14468BKS	0.5	16/0.20	17 Core + E	12.1	244
14470BKS	0.75	24/0.20	17 Core + E	13.3	287
14617BKS	1	32/0.20	17 Core + E	13.8	332
14464BKS	1.5	30/0.25	17 Core + E	15.5	432
14485BKS	0.75	32/0.20	24 Core + E	15.7	399
14490BKS	1.5	30/0.25	24 Core + E	19.6	655

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