

Railway Cables

Single and Multi Pair Signal Cables



Application:

Branch line feeding, light signalling, track switching, axle counters, ETCS, ERTMS, boom gates. Specifically designed for Australian conditions in accordance with ESA-11.01

Benefits	
ARTC Approved	Cable range approved for ARTC networks
Suitable for Outdoors	UV resistant sheath extends life in exposed environments
Easy to Install	Class 2 stranding and cable fillers make for easy installation
Termite and Vermin Protected	UV stabilised polyamide 12 nylon jacket shields the cable from termites and vermin
Heavy Duty	Tick sacrificial sheath protects the cable during installation

Features	
✓	Stranded circular conductors are suitable for fixed installations
✓	UV resistant black sheath
✓	Easy to identify white numbered cores
✓	RoHS compliant to European environmental requirements
✓	Metre marked

Construction	
Conductor	Plain annealed copper wire, class 2
Insulation	V90 PVC
Screen	AL/PET Tape and drain wire (applicable to 17713BKS and 17715BKS)
Inner Sheath	5V90 PVC
Termite Barrier	PA 12 Nylon
Outer Sheath	5V90 PVC
Colours	White/black numbered pairs

Ratings	
Temperature	0°C to + 90°C
Voltage	0.6/1kV
Applicable Standards	ESA-11-01, AS/NZS1125, AS/NZS3808, AS/NZS5000.1



Meter Marking



Copper



Minimum Service Temperature:
0°C



Maximum Service Temperature:
90°C



Maximum Short Circuit Temperature:
160°C



Impact Resistant



Abrasion Resistant



Chemical & Oil Resistant



Flame Non-Propagation



UV Resistant



Minimum Recommended Bend Radius Fixed 12 x OD

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WESTERN AUSTRALIA
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Railway Cables - 2 Core and Multi Pair Signal Cables

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. of Strands/mm	No. of Pairs	Nom Ø mm	Weight kg/km
17693BKS	1.5	7/0.50	4	22.0	545
17694BKS	1.5	7/0.50	8	27.4	841
48225A	1.5	7/0.50	12	31.4	1105
48226A	1.5	7/0.50	24	41.0	1879
17697BKS	4	7/0.85	1	18.5	401
17713BKS	1.5	7/0.50	1	15.7	288
17715BKS	1.5	7/0.50	2	18.4	379

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