

## SPECIFICATIONS – W 4220 & W 4222

### Multi-Core Caravan / Road Train and Trailer Cable

### V90°C Insulated and Sheathed, RoHS Compliant

Code	Nearest SAE, (B&S) (AWG)	Number of Cores	Number of Strands x wire O/ mm	Nominal Area mm <sup>2</sup>	Industry Equivalent mm	AMP Rating at 30°C	Average Sheath Thickness mm	Average Insulation Thickness mm	OFHC Max D.C. Resistance at 20°C mΩ/mt	Nominal O.D. mm	Mass Kg/100mt
W 4220	20	5	7/0.32	0.56	2	7	0.60	0.40	33.76	5.70	5.05
W 4222	19	7	9/0.30	0.64	2.5	6	0.60	0.50	29.90	7.40	8.17

- Application: Caravan and Trailer wiring
- 7 core cable: white, yellow, brown, red, green, blue, black.
- 5 core cable: white, yellow, brown, red, green.
- Conductor: Multi strand plain copper Conductor to AS1125
- Insulation: V90 to AS/NZS 3808:2000
- Sheath: V90 to AS/NZS 3808:2000 (Colour Black)
- Voltage Rating: AC 50V / DC 120V to AS/NZS 3000:2000
- Pack Size: 100mt spool

#### ***NOTE!: NOT SUITABLE FOR CONNECTION TO MAINS POWER SUPPLY.***

AMP RATING ARE BASED ON JASO D609:2001 single core AMBIENT TEMPERATURE AT 300C

OFHC (Oxygen Free High Conductivity Copper) is employed in audio and industrial electronic units.



#### FEATURES:

1. High electric and thermal conductivity -

Since OFHC contains oxygen and impurities in very small quantities only, it shows excellent electric conductivity and thermal conductivity (Oxygen and impurities reduce the conductivity).

2. Excellent hydrogen embrittlement resistance -

(TPC) Tough pitch copper becomes very brittle when it is heated at higher than 6000°C under a reduction gas atmosphere including hydrogen gas. Since OFHC contains a very low oxygen content only, it does not show any brittleness.