

Alarm Cable

Part No: **GCC2211-0386**

Description	21AWG Stranded PACW, 4 Cores, LSHF Insulation, LSHF Sheath.
Applicable Standards	AS/CA S008, IEC 60332-1-2, IEC 60332-1-3, IEC 60754-2, IEC 61034-2, IEC 60332-3-22(Class A)
Suitable Applications	For inter-connecting wiring, suitable for use in Security/Intruded Alarm system; Use in low voltage/low current applications such as intercommunication. Not suitable for mains connection.

Images

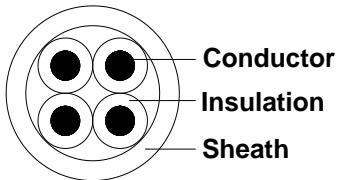


Image for Illustration purposes only



Construction

Conductor	Material	PACW
	Size	21 AWG
	Stranding	14/0.2
	Area	0.44 mm ²
	Diameter	0.86 mm
Insulation	Cores	4
	Material	LSHF
	Colour	White, Blue, Red, Black
	Nominal Thickness (mm)	0.3
	Nominal OD (mm)	1.5



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Sheath	Material	LSHF
	Colour	White
	Nominal Thickness (mm)	1.5
	Nominal OD (mm)	6.7

Electrical Properties

Rated Voltage	ELV
Max. Conductor DC Resistance @20°C	50Ω/km
Min. Insulation Resistance @ 20°C	50M Ω.km
Voltage Test: Conductor to core	1.5kV ac/1min
Voltage Test: Core to Sheath	3.0kV ac/1min

Mechanical Properties

Operating Temperature Range	-25 to 90°C
Max. Recommended Pulling Tension	123N
Min. Bend Radius (install)	40mm
Approximate Mass	6.2kg/100m
Sheath Printing	TBA

Fire and Flame Performance Properties

Single cable flame propagation	IEC 60332-1
Bunched cable flame propagation	IEC 60332-3-22 (Class A)
Acid gas generation	IEC 60754-1 and 2 HCL content ≤ 5mg/g (0.5%) pH ≥ 4.3 Conductivity ≤ 10µS/mm
Light Transmittance	IEC 61034-1 ≥ 60%
AS4507 Classification	RHE-3 based on IEC tests ¹

¹ Note that AS 4507 refers to AS/NZS 1660 for test methods and limits. This range of standards has been obsoleted and superseded by IEC equivalents. The RHE rating listed in this datasheet is based on meeting the requirements of the superseding IEC standard, not the original AS 1660 standard



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Supply Information

Product No	Pack Type	Pack Size	Dimensions	Qty Per Carton	Cartons Per Pallet
GCC2211-0386WH300	Wooden Reel	300m	W36 x H21.8cm	TBA	TBA

Change Record

Issue	Date	Prepared By	Approved By
02	10-11-2022	GK	
01	09-11-2022	YDM	LQM

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances

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