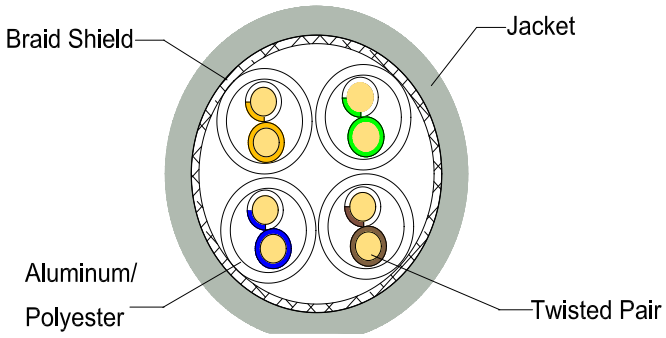
YOUR AUSTRALIAN CONNECTION

GROVE communication supplies

Part Number: **LS-GNC6A**

Description: **GROVE CAT6A Patch Lead**

GROVE Cat6A Patch Leads, meticulously crafted from 100% copper, are engineered for use in scenarios where high data transmission, data integrity, and transfer speeds are crucial, such as in data centers and campus environments. These patch leads adhere to industry standards, including RCM/A-Tick (S008), TIA-568-C.2 Cat6A, and RoHS compliance, ensuring top-notch performance and reliability. Elevate your networking infrastructure with GROVE Cat6A Patch Leads, meeting and exceeding industry standards for a seamless and high-speed data transmission experience.



Colour Codes:

Insulation Colour:

P1: White / Blue & Blue
P2: White / Orange & Orange
P3: White / Green & Green
P4: White / Brown & Brown

PART NUMBER	DESCRIPTION	TERMINATION
LS-GNC6ABLU-0.5	GROVE 0.5M Cat6A S/FTP Blue Patch Lead	TERMINATED
LS-GNC6ABLU-1.0	GROVE Patch Lead 1.0M Cat6A S/FTP Blue	TERMINATED
LS-GNC6ABLU-1.5	GROVE Patch Lead 1.5M Cat6A S/FTP Blue	TERMINATED
LS-GNC6ABLU-2.0	GROVE Patch Lead 2.0M Cat6A S/FTP Blue	TERMINATED
LS-GNC6ABLU-3.0	GROVE Patch Lead 3.0M Cat6A S/FTP Blue	TERMINATED
LS-GNC6ABLU-5.0	GROVE Patch Lead 5.0M Cat6A S/FTP Blue	TERMINATED

Technical Support: 1300 732 254
Web: www.grovecoms.com.au
Unit 3&4, 15 Drake Street, Osborne Park WA 6017

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Part Number: LS-GNC6ABLU

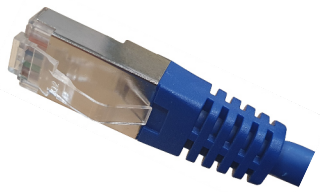
Description: GROVE CAT6A PATCH LEADS

Construction:

Conductor Material		Stranded Bare Copper
Conductor Number		8C (4 pairs)
Cable AWG		26
Construction (±0.01mm)		7/0.16
Shield Overlap		Aluminum / Polyester ≥25%
Braid Shield 16/5/0.12 Coverage		Aluminum Magnesium Alloy Wire ≥40%
Insulation	Material	Skin - Foam - Skin
	Nom Thickness (mm)	0.26
	Diameter (±0.05mm)	1.02
Jacket	Material	LSZH
	Nom Thickness (mm)	0.50
	Diameter (±0.30mm)	6.2

Electrical Performance:

Max. Conductor DC Resistance (Ω/km)		148
Min. Insulation Resistance (ΩM-KM)		5000
Dielectric Strength		DC-1KV/1 Min.
1.0-250 MHZ Characteristic Impedance (ohms)		100±15
1.0-500 MHZ Delay Skew (ns/100m)		≤ 45
Pair to Ground Capacitance Unbalance (Pf/100m)		≤ 300
Resistance Unbalance between pairs (%)		≤ 4
Max. Mutual Capacitance (nF/100m)		5.6
Before Aging	Tensile Strength (Mpa)	≤ 9
	Elongation (%)	≤ 100
After Aging 100°C*24h*7d	Tensile Strength	≤ 75%
	Elongation (%)	≤ 50
Velocity of Propagation NVP		78%



CE RoHS

Test Requirement:

Fluke Channel Patch Cord Test

Standards:

ANSI/TIA-568-c.2 EN 50575

Applications:

Connection between computer network card and module, connection between distribution frame and wiring, connection between distribution frame and HUB or switch

AUSTRALIAN OWNED #05662 CERTIFIED

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