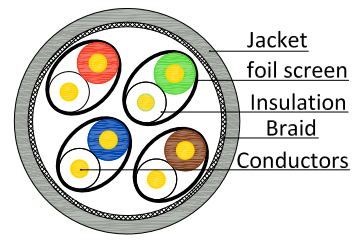


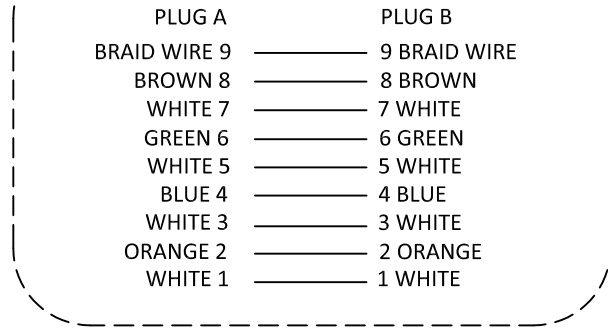
Specification

1. RJ45 Jack Housing	Housing: Zinc die-casting with nickel plated
2. RJ45 Jack Contact	Contact Bracket: PC, UL 94V-2, transparent color Phosphor bronze with nickel plated 50 micro-inch gold plated on plug contact area
3. Cap A&B	Zinc die-casting with nickel plated
4. IDC	Housing: PC, UL 94V-2 Terminal: Phosphor bronze with tin plated
5. IDC CAP	PC, UL 94V-2
6. Grounding Contacts	Stainless steel
7. PCB	FR4, UL 94V-0
8. Cable	C6A S/FTP 4 twisted pairs Jacket OD: 7.4±0.2mm Conductors: 23AWG solid copper Insulation: Foam PE Braid: Tin plated copper covered steel wire, min.60% coverage. Jacket color: CPR B2ca, LSZH, Blue RAL5015



Cross section

T568B wiring scheme



Performance

Insertion force	Max. 30N (IEC 60603-7-5)
Retention strength	7.7 kg between jack and plug
Operating temperature	-10°C to +60°C (ISO/IEC11801, ANSI/TIA/EIA 568.2-D)
Jack mating cycles	Min. 750 cycles
Transmission performance	ANSI/TIA-568.2-D
Power Over Ethernet rating	PoE++/Maximum 100w
	IEEE 802.3bt Type4



Drawn by : WESLEY

Cat6A S/FTP 4PoE/PoE++ LSZH Patch cord female-female, keystone-keystone

Item : FB0952

Revision : 2.0

Date : 18-03-2025

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