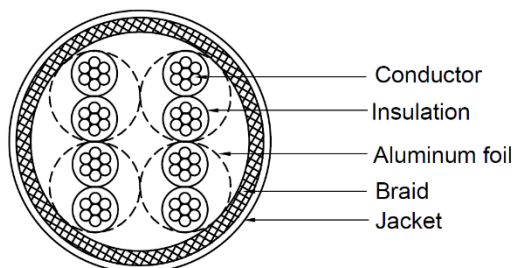


Schema



Product Description

①	Inner Conductor
②	Insulation
③	Aluminum foil
④	Braid
⑤	Jacket

Construction Item Description

Cable Type	Category	CAT7	
	Structure	S/FTP (PiMF)	
	Application	Patch cord raw cable	
Conductor	Construction	26AWG 7/0.16mm (+/-0.008mm)	
	Material	Bare Stranded Copper	
Insulation	Material	Foam-PE	
	Outside Diameter	1.04 +/- 0.05mm	
	Color		Pair 1: Orange, Orange-White
			Pair 2: Blue, Blue-White
		Pair 3: Green, Green-White	
		Pair 4: Brown, Brown-White	
Wiring Scheme	Pin definition	TIA 568B	
Pair shielding	Material	Aluminum foil	
Outside shield	Material	80*0.12 AL-MG wire braiding	
Jacket	Material	LSZH	
	Outer diameter	6.0mm +/- 0.2mm	
	Average thickness	0.6mm	
	Color	Black	
	Marking Color	Grey	
Marking	Jacket	ATZ Patch Cord Category 7 S/FTP 500MHz 26AWG/4PRS LSZH VERIFIED TO ANSI/EIA/TIA 568C.2 & ISO/IEC 11801 RoHS atz.com.sg	

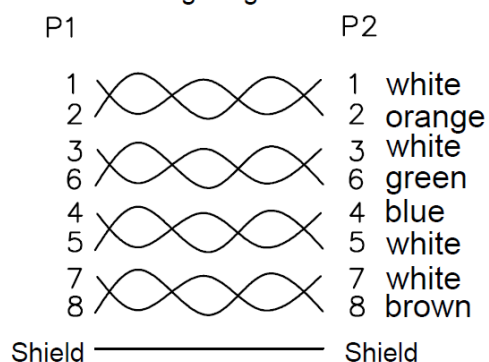
Dimensional Table

Nb pairs	Section	Diameter of	Diameter of insulated conductor (mm)	Minimal thickness of jacket (mm)	Diameter of outer jacket (mm)
	(AWG)	inner conductor (mm)			
4	26	NA	1.04 ± 0.05	0.60	6.0 ± 0.2

Designed in order to reach the electrical and transmission properties of CAT7.

Color Table

Wiring Diagram



TIA-T568B

Application

The cable must support class Ea applications and must be compatible POE, POE+ and UPOE.