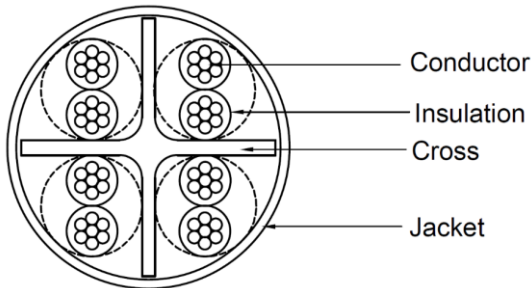


### Schema



### Product Description

①	Inner Conductor
②	Insulation
③	Cross (Isolator)
④	Outer Jacket

### Construction Item Description

Cable Type	Category	CAT6
	Structure	U/UTP
	Application	Patch cord raw cable
Conductor	Construction	24AWG 7/0.192mm (+/-0.008mm)
	Material	Bare Stranded Copper
Insulation	Material	HDPE
	Outside Diameter	0.97 +/- 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	N/A
Outside shield	Material	N/A
Jacket	Material	LSZH
	Outer diameter	6.0mm +/- 0.2mm
	Average thickness	0.55mm
	Color	Available in Black, Blue, Green, Grey, Red, Orange, Yellow and White color
	Marking Color	Grey text on Black cable Black text on all other colors of cable
Marking	Jacket	ATZ Patch Cord Category 6 U/UTP 250MHz 24AWG/4PRS LSZH VERIFIED TO ANSI/TIA/EIA 568.2-D & ISO/IEC 11801 RoHS atz.com.sg

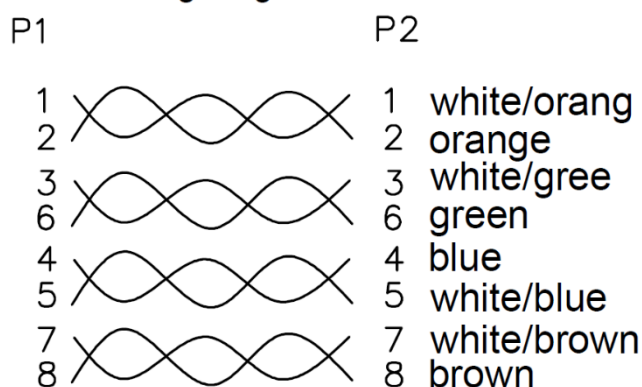
#### Dimensional Table

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	24	0.192 ± 0.008	0.97 ± 0.05	0.55	6.0 ± 0.2

Designed in order to reach the electrical and transmission properties of CAT6

#### Color Table

##### Wiring Diagram



TIA-T568B

#### Application

The cable must support ISO11801 class E applications and compatible with POE, POE+ and UPOE.

#### Ordering P/N

ATZ UTPCAT6.305M-STR.BK - Black Color  
 ATZ UTPCAT6.305M-STR.BL - Blue Color  
 ATZ UTPCAT6.305M-STR.GR - Green Color  
 ATZ UTPCAT6.305M-STR.GY - Grey Color  
 ATZ UTPCAT6.305M-STR.RD - Red Color  
 ATZ UTPCAT6.305M-STR.OR - Orange Color  
 ATZ UTPCAT6.305M-STR.YE - Yellow Color  
 ATZ UTPCAT6.305M-STR.WH - White Color