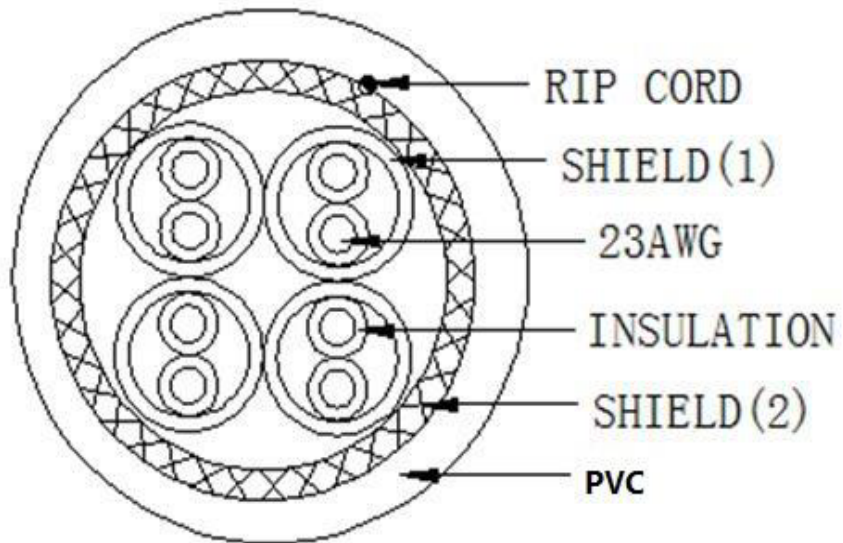


SPECIFICATION:S/FTP CAT6 (#24×2C+AM) x4P+B+PVC			Customer:		REV. :1.0	
ITEM		SPECIFICATION		Product structure:		
Conductor	4P		Product structure: 			
	AWG	24AWG				
	Material	CCA				
Insulation	Size	1/0.50±0.03mm				
	.REF	0.20mm				
	Material	HDPE				
Twisted Pairs	I.D	1.05±0.03mm				
	Direction	S				
	Pitch	Less Than 25				
SHIELD (1)	Material	AM				
SHIELD (2)	Material	16/4/0.12AL-MG				
Jacket	.REF	0.50mm				
	Material	PVC				
	Color	LIGHT GREY				
	O.D	5.8±0.3mm				
INSULATION COLOR CODE:			Marking	Color	White	
			WWW.TECHLY.COM CATEGORY 6 COMPATIBLE S/FTP CCA PVC CABLE 24AWGx4P SOLID 001M.....305M			
1P, White/Blue&Blue			2P, White/Orange&Orange			
3P, White/Green &Green			4P, White/Brown&Brown			
ELECTRICAL CHARACTERISTICS		PHYSICAL CHARACTERWS:		Transmission Standards : ANSI/TIA568, ISO/IEC11801, YD/T1019-2013		
1..Rating Temp:80℃ Rating Voltage: 30V		1.Tensile strength test:		 P/N: ITP9-RIS-0305		
2. Conductor Resistance: 70 Ω/km at 20℃ Min (23AWG)		1.1: Jacket PE: >16MPa				
3.Insulation resistance: 100M Ω/km &20℃ Min		1.2: HDPE Insulation: >16MPa				
4.Dielectric Test: DC 2500V/2min at 20℃						
5.Resistance Unbalance, maximum : 4.5%		2.Elongation :				
6.Mutual Capacitance : 5.6 nF/100 m @ 1 kHz		2.1: Jacket PE: >400%				
7.Nominal Velocity of Propagation : NVP 69%		2.2: HDPE Insulation:>300%				
8.Operating Frequency, maximum : 250MHz		2.3: CU: > 20 %				