

Category 7 SSTP Patch Cable, 26AWG×4P, PVC 50102162

PRODUCT DESCRIPTION

• Cable Specifications:

CAT7 SSTP 4 X 1P[26AWG(7/0.16mm±0.008mm BC)]+AL/MYLAR+B(16*5/0.10TC)
CM PVC JACKET OD: 6.0±0.20mm

• Standard Reference:

- All Category 7 Requirements as Per ANSI/TIA, ISO/IEC, and CENELEC EN Standards
- ANSI/TIA-5682-D Cat.7
- ISO/IEC 3rd Edition 11801 Class F
- We Implemented RoHS Compliance for the Requirement of European Union Issued Directive 2011/65/EU

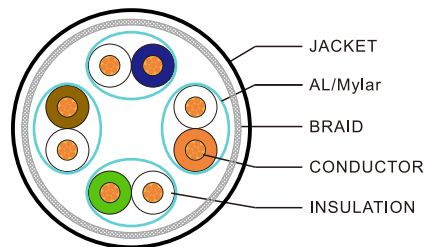
• Physical characteristic

- Rated temperature: 75°C
- Installation temperature: -20-60°C
- Operating temperature: -20-75°C
- Min bending radius:15xOD in Operation:10xOD after operation

• Application

- 1000BASE-T Gigabit Ethernet
- 10BASE-T, 100BASE-TX Fast Ethernet (IEEE 802.3)
- 100 VG - AnyLAN(IEEE802.12)
- 600MHz Broadband Video Voice, T1, ISDN

Cable Cross-Section Structure



TECHNICAL PERFORMANCE

TIA Cat 7 Channel Test

Frequency (MHZ)	Insertion Loss	RL Min (dB)	NEXT Min (dB)
1	4.0	19.0	65.0
4	4.1	19.0	65.0
8	5.7	19.0	65.0
10	6.4	19.0	65.0
16	8.1	18.0	65.0
20	9.1	17.5	65.0
25	10.2	17.0	65.0
31.25	11.4	16.5	65.0
62.25	16.3	14.0	65.0
100	20.8	12.0	62.9
200	30.0	9.0	58.3
250	33.8	8.0	56.9
350	40.5	8.0	54.7
450	46.5	8.0	53.1
500	49.3	8.0	52.4
600	54.6	8.0	51.2

Frequency (MHZ)	PS NEXT Min(dB)	ELFEXT Min(dB)	PSELFEXT Min(dB)	Impedance (Ohms)
1	62.0	65.0	62.0	100±15
4	62.0	65.0	62.0	
8	62.0	62.4	59.4	
10	62.0	60.8	57.8	
16	62.0	57.5	54.5	
20	62.0	55.9	52.9	
25	62.0	54.4	51.4	
31.25	62.0	52.8	49.8	
62.25	62.0	47.8	44.8	
100	59.9	44.4	41.4	
200	55.3	39.4	36.4	
250	53.9	37.8	34.8	
350	51.7	35.3	32.3	
450	50.1	33.4	30.4	
500	49.4	32.6	29.6	
600	48.2	31.3	28.3	

CABLE CONSTRUCTION

Conductor	Material	Stranded Bare Copper
	Nom.O.D (mm)	7/0.16±0.008mm 26AWGx4P
Insulation FMPE	Average Thickness(mm)	0.28
	Insulation Dia.(±0.05mm)	1.04
	Unaged Elongation	N/A
	Unaged Tensile Strength	N/A
Code Color	1 Blue/White	2 Orange/White
	3 Green/White	4 Brown/White
AL/Mylar	COVERAGE 100% OVERLAP25%min	
BRAID	Material	TC
	Size (±0.008mm)	16*5/0.12
Jacket CM PVC	Average Thickness (mm)	0.6
	Outer Dia.(±0.20mm)	6.0
	Unaged Elongation	Min. 100%
	Unaged Tensile Strength	Min.1.407 Kg/mm ²
	Aging at 100°C for 168Hrs	Min. elongation retention:50%
		Min. tensile strength retention:75%
Marking	YFC CAT.7 SSTP PATCH 3P VERIFIED TO ANSI/TIA-568.2-D & ISO/IEC 11801 ED.2 & EN 50288-4-2 & IEC 60332-1-2 ▲ 26AWGX4P CM(UL) E164469-B3	

CHARACTERISTICS

Dielectric Strength of Insulation	1500 V dc / 1 minute
Insulation Resistance Test	Min. 500 MΩ·Km
Conductor Resistance	Max. 17.89 Ω/100m at 20°C
Resistance Unbalance	Max. 2%
Capacitance Unbalance	Max. 220 pF/100m