

**SKU: ATS2285-2**

## CATEGORY 5e CMP



**Lengths Available**

• 1000ft

**Jacket Colors**



**Category-5E UTP 1000' 8-Conductor, Bulk, CMP-Plenum Jacket, 24AWG CCA,Ez Pull Box**

**TECHNICAL SPECS:**

Conductor Size CCA/4Pair  
24 AWG (0.51mm)  
Insulation PVC  
Conductor Diameter (mm) 0.5  
Outer Diameter 5.3mm  
Jacket Plenum  
Weight 21 lbs

**COLOR OF PAIRS:**

Pair 1 Blue, White-Blue  
Pair 2 Orange, White-Orange  
Pair 3 Green, White-Green  
Pair 4 Brown, White-Brown

**STANDARD COMPLIANCES:**

ISO/IES  
RoHS Compliant

**APPLICATIONS:**

100 Base-T4  
100 Base-TX  
100VG AnyLAN  
1000 Base-T (Gigabit Ethernet)  
155 Mbps ATM  
622 Mbps AT

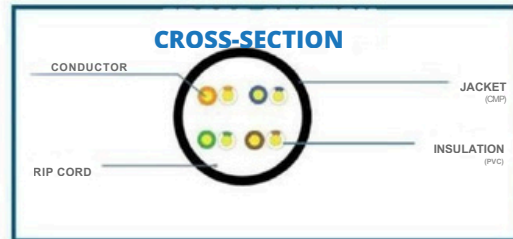
**MARKING:**

\*CAT5e 350MHZ CMP PLENUM UTP 4-PAIR 23AWG EIA/TIA568-B.2-1

**GENERAL INFORMATION ABOUT THIS PRODUCT:  
MANUFACTURER:**

High-Performance Data Communications Cable  
• Suitable for 350 MHz High-Speed Data Applications  
Fast Ethernet and 155Mbps TP-PMD/CDDI  
Designed for Indoor Installations  
Flame Retardant-Type Plenum  
Category-5e Unshielded Twisted Pair (UTP) Cable  
4-Pair-Easily Identified Color-Striped Pairs  
24AWG CCA Conductors  
Length: 1000ft  
Low Smoke, CMP Plenum

Available in Blue, White, Black, Gray, Purple



**JACKET COLOR:**

- Black
- Blue
- Gray
- Purple
- White



ELECTRICAL CHARACTERISTICS					Max Conductor DC Resistance at 20°C (Q/Km)		96.5	
					Rated Temperature(C)		80	
					Velocity ratio		65%	
Frequency (MHz)	RL (dB) min.	Attenuation (dB/100m) max.	NEXT (dB)	ACR (dB)	Frequency ELFEXT (MHz)	(dB)	PSELFEXT (dB)	Impedance(2) (Ohm)
0.722	22.60	1.82	67.00	65.00	0.722	66.00	63.00	100±15
1.000	23.10	2.00	65.30	63.00				
4.000	23.00	4.10	56.30	51.00	1.000	63.8	60.8	
8.000	24.50	5.80	51.80	45.00	4.000	51.7	48.7	
10.00	25.00	6.50	50.30	43.00	8.000	45.7	42.7	
16.00	25.00	8.20	47.30	37.00	10.00	43.8	40.8	
20.00	25.00	9.30	45.80	35.00	16.00	39.7	36.7	
25.00	24.20	10.23	44.30	32.00	20.00	37.7	34.7	
31.25	23.30	11.71	42.90	29.00	25.00	35.8	32.8	
62.50	20.70	17.25	38.40	19.00	31.25	33.9	30.9	
100.00	19.24	22.00	35.30	9.00	62.50	27.8	24.8	
					100.00	23.8	20.8	

SKU: ATS2285-2



**Cable ID: 483-1 UTP4 CAT5E 0.5 ATS**

Test Limit: TIA Cat 5e Perm. Link

Limits Version: V7.6

Date / Time: 12/04/2021 08:49:57 PM

Operator: LIXIAOHONG

Headroom 9.1 dB (NEXT 3,6-7,8)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2034142

Software Version: V6.6 Build 2

Calibration Date: 12/23/2020

Adapter: DSX-8000 (DSX-PLA804)

S/N: 20475125

**Test Summary: PASS**

Remote: Versiv

S/N: 2035009

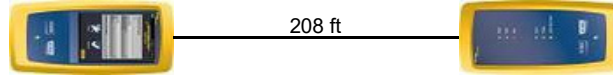
Software Version: V6.6 Build 2

Calibration Date: 12/23/2020

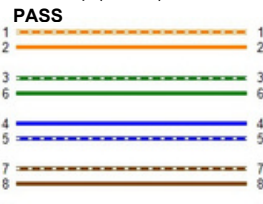
Adapter: DSX-8000R (DSX-PLA804)

S/N: 20485133

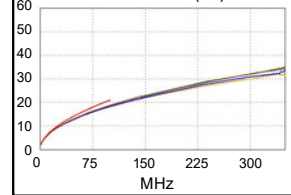
Length (ft), Limit 295	[Pair 4,5]	208
Prop. Delay (ns), Limit 498	[Pair 1,2]	314
Delay Skew (ns), Limit 44	[Pair 1,2]	8
Resistance (ohms)	[Pair 3,6]	29.59
Insertion Loss Margin (dB)	[Pair 3,6]	2.3
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	21.0



Wire Map (T568B)

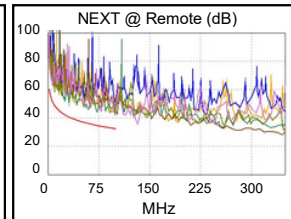
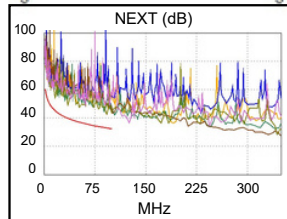


Insertion Loss (dB)

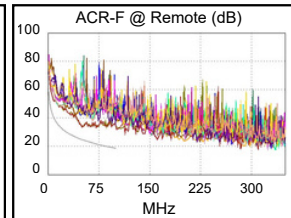
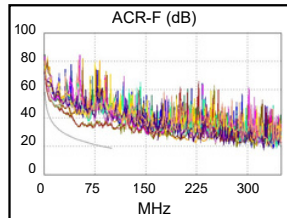


Worst Case Margin Worst Case Value

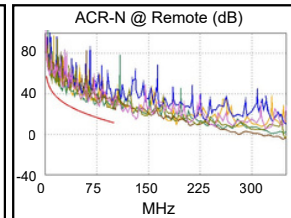
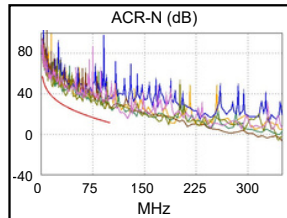
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	9.1	9.3	9.8	10.4
Freq. (MHz)	16.4	72.3	92.5	99.3
Limit (dB)	45.1	34.6	32.9	32.4
	3.6	4.5	3.6	4.5
Worst Pair	11.3	10.8	12.0	10.9
PS NEXT (dB)	16.4	99.3	100.0	99.5
Freq. (MHz)	42.1	29.4	29.3	29.3
Limit (dB)				



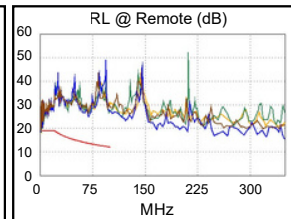
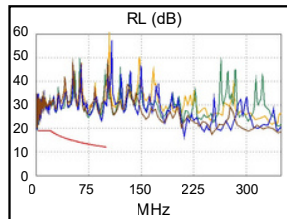
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	8.9	8.7	11.7	11.4
Freq. (MHz)	50.5	50.5	71.3	71.3
Limit (dB)	24.5	24.5	21.6	21.6
Worst Pair	3.6	3.6	3.6	3.6
PS ACR-F (dB)	11.6	11.1	16.3	15.9
Freq. (MHz)	51.0	50.8	100.0	100.0
Limit (dB)	21.5	21.5	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
ACR-N (dB)	9.5	10.5	11.9	13.1
Freq. (MHz)	16.4	24.8	92.5	99.3
Limit (dB)	37.1	32.3	12.8	11.5
Worst Pair	3.6	1.2	3.6	4.5
PS ACR-N (dB)	11.7	12.0	14.3	13.5
Freq. (MHz)	16.4	30.9	100.0	99.5
Limit (dB)	34.1	26.5	8.3	8.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	4,5	3,6
RL (dB)	4.3	2.9*	10.7	2.9
Freq. (MHz)	2.5	2.5	93.8	2.5
Limit (dB)	19.0	19.0	12.3	19.0



Compliant Network Standards:

10BASE-T  
100BASE-TX  
1000BASE-T  
ATM-51  
TR-4

100BASE-T4  
ATM-25  
100VG-AnyLan  
TR-16 Passive

\* Measurement is within the accuracy limits of the instrument.

LinkWare™ PC Version 10.7