

Cat5E Plenum Solid Conductor



Packaging Available

1000ft Pull Box

Jacket Colors



U/UTP Cable | Solid Conductor | 1000 Ft

SKU: ET-CAT5E-P

24AWG • 4 Twisted Pairs • CMP • U/UTP
350MHz

Key Features



High-Performance
Data Communication Cable



Suitable for 350MHz
High-Speed Data Applications
Fast Ethernet and 1000Mbps
T1-1000BASE-T



Designed for Indoor
Installations



Flame Retardant – Plenum Rated



Category 5e Compliant
(Cat5e)



4 Twisted Pairs
(24AWG Solid Conductor)



CMP Plenum Rated Jacket
(Indoor/Plenum)



1000ft Pull Box



Available in Blue, White,
Black, Gray, Purple

Print Legend

CAT5E PLENUM SOLID CONDUCTOR
U/UTP CABLE 24AWG 350MHz
1000FT

Technical Information

Conductor	Solid Conductor
Size	24 AWG (0.51mm)
Insulation	PVC
Conductor Dia (mm)	0.5 mm
Outer Diameter	5.3 mm
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
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Standard Compliance

ISO/IES, RoHS Compliant, ISO/IEC 11801 ClassE,
ANSI/TIA-568-C.2, Cat5e, CENELEC EN 50173-1, IEC61156-5.



Applications

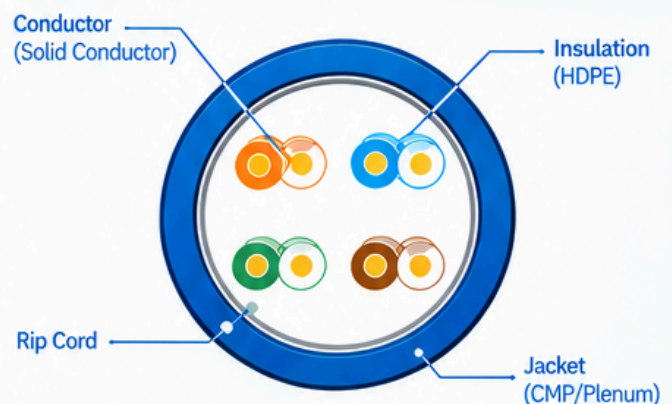
- 100 Base-TX • 1000 Base-TX • 1000G - AnyLAN
- 100 Base-T (Gigabit Ethernet) • 155 Mbps ATM • 622 Mbps AT



Marking

ETEK CABLES Cat5e 350MHz CMP Plenum UTP 4-PAIR 24AWG 1000FT

Cross-Section



Product Image



965 Highams Ct,
Woodbridge, VA 22191



+1 845 795 3165



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Cable ID: ET-CAT5E-P

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

Worst Case Margin Worst Case Value

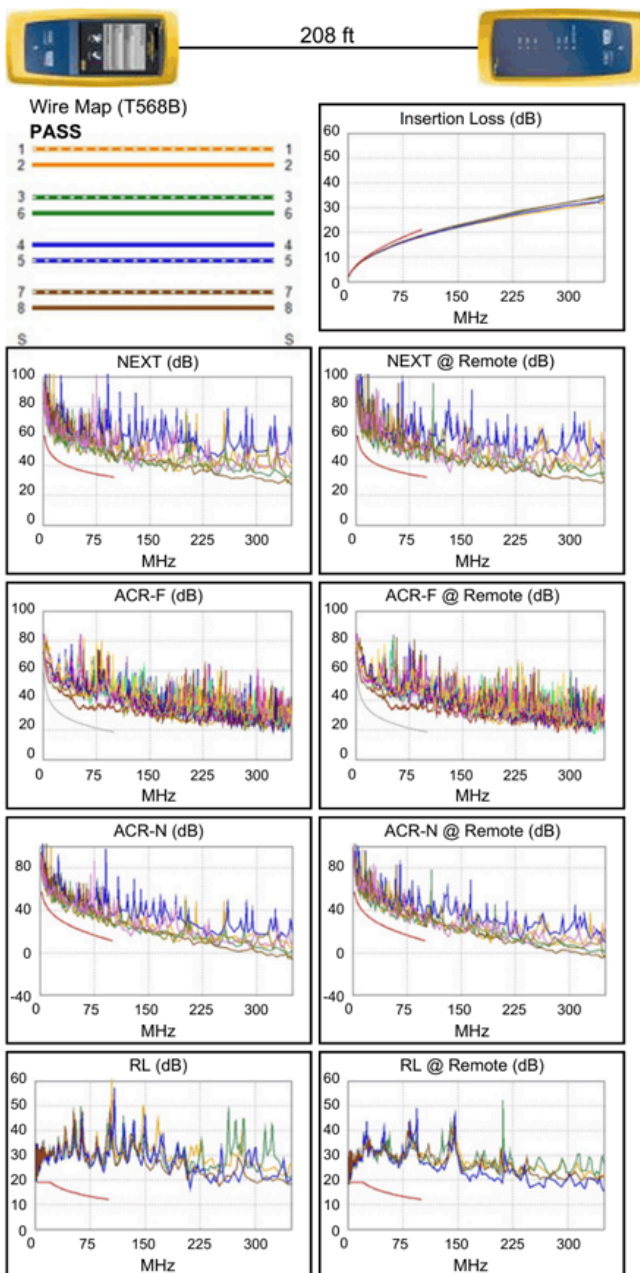
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	9.1	9.3	9.8	10.4
Freq. (MHz)	16.4	72.3	92.5	99.3
Limit (dB)	45.1	34.6	32.9	32.4
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	11.3	10.8	12.0	10.9
Freq. (MHz)	16.4	99.3	100.0	99.5
Limit (dB)	42.1	29.4	29.3	29.3

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 100BASE-T4
1000BASE-T 2.5GBASE-T ATM-25
ATM-S1 ATM-155 100VG-AnyLan
TR-4 TR-16 Active TR-16 Passive



* Measurement is within the accuracy limits of the instrument.

LinkWare™ PC Version 10.7



FLUKE networks



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ELECTRICAL CHARACTERISTICS					Max Conductor DC Resistance at 20°C (Q/Km) Rated Temperature(C) Velocity ratio			
					96.5 60 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	1.000	63.8	60.8	
4.000	23.00	4.10	56.30	51.00	4.000	51.7	48.7	
8.000	24.50	5.80	51.80	45.00	8.000	45.7	42.7	
10.00	25.00	6.50	50.30	43.00	10.00	43.8	40.8	
16.00	25.00	8.20	47.30	37.00	16.00	39.7	36.7	
20.00	25.00	9.30	45.80	35.00	20.00	37.7	34.7	
25.00	24.20	10.23	44.30	32.00	25.00	35.8	32.8	
31.25	23.30	11.71	42.90	29.00	31.25	33.9	30.9	
62.50	20.70	17.25	38.40	19.00	62.50	27.8	24.8	
100.00	19.24	22.00	35.30	9.00	100.00	23.8	20.8	

