

PRODUCT SPECIFICATIONS
RISER CAT5e U/UTP ETL LISTED 350 MHz

COMPLIANCE

RoHS	c(ETL)us Listed	ETL Verified
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CERTIFICATIONS

TIA 568-C.2 Category 5e	ISO/IEC 11801
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PHYSICAL SPECIFICATIONS

Cable Construction	24 AWG U/UTP x 4P	
Conductor Material	Solid Bare Copper	
Insulating Material Type	PE	
Insulation Diameter	0.85 ± 0.05 mm	
Number of Insulations	4 Pair	
PAIR COLORS	P1	White- Blue/ Blue
	P2	White- Orange/ Orange
	P3	White- Green/ Green
	P4	White- Brown/ Brown
Jacket Material	FRPVC	
Jacket Diameter	4.9 ± 0.2 mm	
Jacket Thickness	0.5 mm	
Jacket Flame Rate	ETL CMR	
Rip Cord	Yes	

MECHANICAL CHARACTERISTICS (20 ° C)

Insulation Elongation At Break	≥ 300%
Jacket Elongation At Break	≥ 125%

ELECTRICAL CHARACTERISTICS (20 ° C)

Impedance (4~100 MHz)	100±15 Ω
Overall Temp. Rating	75° C
Single Conductor Resistance	≤ 11Ω/100m
Pair DC Resistance Unbalance	≤ 2.5%
Insulation Resistance	≥5000MΩ*Km
Dielectric Strength Between Conductors	DC 1kV 1 min
Mutual Capacitance	≤5.6nF/100m
Minimum Delay Skew	≤45ns/100m

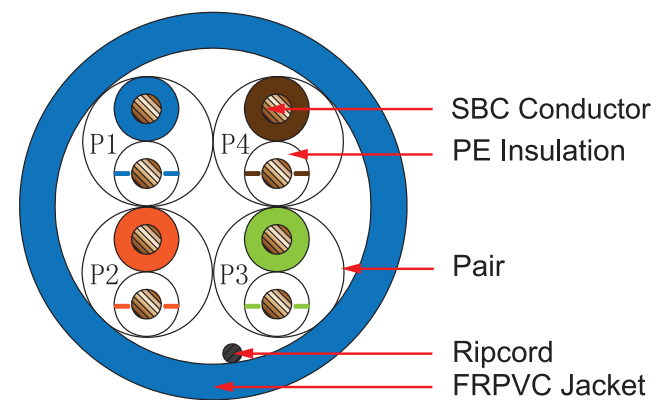
NOMINAL TRANSMISSION CHARACTERISTICS

FREQUENCY (MHz)	ATTENUATION (dB/100m)	NEXT (dB0)	EL-FEXT (dB)	RETURN LOSS (dB)
4	4.1	56	51.6	23.0
10	6.5	50	44.0	25.0
16	8.2	47	40.0	25.0
20	9.3	46	38.0	25.0
31.25	11.7	43	34.0	23.6
62.5	17.0	38	28.0	21.5
100	22.0	35	24.0	20.1
150	27.5	33	20.5	18.9
200	32.4	31	18.0	18.0
250	36.9	29	16.0	17.3
300	41.0	28	14.5	17.3
350	44.9	27	13.1	17.3

NOTE: The above transmission performance for the 100M, 20±2° C under the conditions tested

ITEM #	JACKET TYPE	AVAILABLE COLOR	AVAILABLE PUT-UPS
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XBW5U-04939	ETL CMR	Black	1000 ft. Pull Box
XBW5U-03596	ETL CMR	Blue	1000 ft. Pull Box
XBW5U-04940	ETL CMR	Gray	1000 ft. Pull Box
XBW5U-04998	ETL CMR	Green	1000 ft. Pull Box
XBW5U-04959	ETL CMR	Purple	1000 ft. Pull Box
XBW5U-04958	ETL CMR	Red	1000 ft. Pull Box
XBW5U-04941	ETL CMR	Yellow	1000 ft. Pull Box
XBW5U-03597	ETL CMR	White	1000 ft. Pull Box



CABLE MARKING

24 AWG 4P CAT5E UTP 75 ° C TYPE CMR FT4 0000FT USED / 1000FT REMAINING C(ETL)US ETL LISTED AND ETL VERIFIED TO TIA-568-C.2 CATEGORY 5e

NOTE: TECHNICAL SPECS AND IMAGES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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