

Category 3 Riser

Berk-Tek's Category 3 UTP cables are designed for voice applications. This Category 3, 4 pair UTP cable is tested and guaranteed to meet ANSI/TIA/EIA-568-B.2, horizontal cabling requirements.

Description

Construction

24 AWG bare copper wire insulated with thermoplastic. Two insulated conductors twisted together to form a pair and four such pairs are cabled and jacketed with flame-retardant PVC.

Standards

European EN 50173

North American ANSI/TIA/EIA-568-B.2

Flame Rating

Plenum-NFPA 262, CMP

Applications

Berk-Tek's LAN-Grade Category 3 UTP cable is intended for voice and data applications up to 16 MHz including:

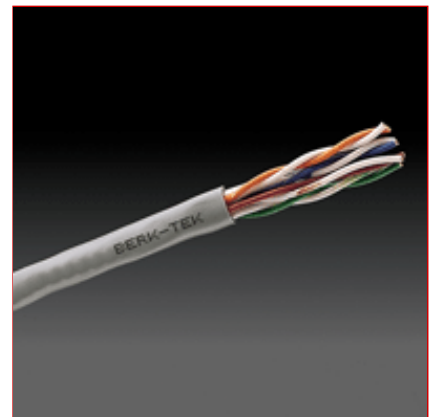
Token Ring, Ethernet, 10BASE-T, 100BASE-TX, 100BASE-VG AnyLAN, Voice

Features

- Standard flame-retardant PVC or low smoke zero halogen jacket construction
- Supports 10BASE-T, Token Ring, Voice, 100VG-AnyLAN, Telephony

Benefits

- Universally accepted design for global commercial network installations
- Simplified structured cabling solution
- Warrantied, trouble-free cabling installation and maintenance



Standards

National TIA/EIA-568-B.2

Contact

Copper Product Inquiry
United States
Phone: 717-354-6200
Fax: 717-354-7944
copper-pc.us@nexans.com

Color Code

Pair 1	White/Blue	Blue
Pair 2	White/Orange	Orange
Pair 3	White/Green	Green
Pair 4	White/Brown	Brown

Technical Data - Electrical

FREQUENCY	INSERTION LOSS	NEXT	SRL
MHz	dB/100 m max.	dB min.	dB min.
1	2.6	41.3	12
4	5.6	32.3	12
10	9.7	26.3	12
16	13.1	23.3	10

Temperature Rating

Installation	0°C to +50°C
Operation	-10°C to +60°C

Technical Data - Physical

	CMR	
Conductor diameter - in. (mm)	0.02	(0.52)
Cable diameter - in. (mm) [horizontal]	0.187	(4.8)
Nominal cable weight - lb./kft. (kg/km)	19	(28)
Max. installation tension - lb. (N)	25	(110)
Min. bend radius - operation - in. (mm)	1	(25.4)

Parametric Measurements

Mutual Capacitance	6.6 nF/100 m nom.
DC resistance	9.38 Ohms/100 m max.
Skew	25 ns/100 m
Velocity of Propagation	70% nom. Non-Plenum
Characteristic Impedance	100 ± 15 Ohms

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Product List

Berk-Tek P/N	Description	Colour	Packaging
10034564	Category 3 Riser	White	Box
10034696	Category 3 Riser	White	Reel
10032335	Category 3 Riser	Blue	Box
10032334	Category 3 Riser	Blue	Reel
10044650	Category 3 Riser	Green	Box
10032402	Category 3 Riser	Grey	Box
10032401	Category 3 Riser	Grey	Reel
10044557	Category 3 Riser	Red	Box
10032492	Category 3 Riser	Red	Reel
10033336	Category 3 Riser	Yellow	Box
10032429	Category 3 Riser	Yellow	Reel