

## 4-Pair Category 3 Plenum

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

- North American: ANSI/TIA/EIA-568-B.2, UL 444 and C22.2 No. 214-02

#### Flame Rating

- Plenum-NFPA 262, CMP
- UL Listed

#### Applications

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

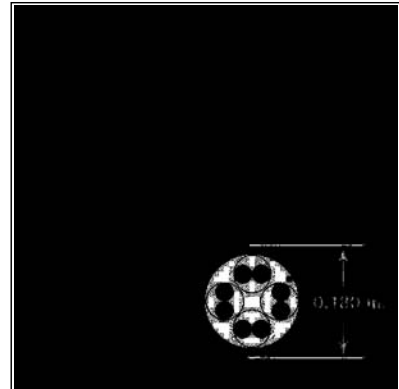
- 10BASE-T
- 100BASE-TX
- 100BASE-VG AnyLAN
- Voice

#### Features

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

#### Benefits

- Universally accepted design for global commercial network installations
- Simplified structured cabling solution



#### Standards

**National** TIA/EIA-568-B.2



## 4-Pair Category 3 Plenum

### Characteristics

Length per reel	1000.0 ft
Fire safety	Plenum Rated

### Technical Data - Physical

			<b>Pair-1</b>	<b>White/Blue</b>
			<b>Pair-2</b>	<b>White/Orange</b>
			<b>Pair-3</b>	<b>WhiteGreen</b>
			<b>Pair-4</b>	<b>White/Brown</b>
<b>Conductor</b>	24 AWG Solid Bare Copper			
<b>Conductor diameter-in. (mm)</b>	0.02	(0.51)		
<b>Insulated Conductor Diameter- in. (mm)</b>	0.035	(0.89)		
<b>Cable diameter-in. (mm)</b>	0.18	(4.6)		
<b>Nominal cable weight-lb./kft. (kg/km)</b>	19	(28)		
<b>Max. installation tension-lb. (N)</b>	25	(110)		
<b>Min. bend radius-in. (mm)</b>	1	(25.4)		
			<b>Installation</b>	0°C to +50°C
			<b>Operation</b>	-20°C to +60°C

### Parametric Measurements

<b>Capacitance Unbalance (p-g) at 1 khz</b>	330 pF/100 m max.
<b>Skew</b>	25 ns/100 m max.
<b>Characteristic Impedance</b>	100 ± 15 Ohms

### Technical Data - Electrical

1	2.6	41.3	12
4	5.6	32.3	12
10	9.7	26.3	12
16	13.1	23.3	10















### Product List

☎=Make to order, 📦=Make to stock

📦 10032039 Category 3 Plenum Grey Reel



## 4-Pair Category 3 Plenum

	10032048	Category 3 Plenum	Green	Reel
				
	10032050	Category 3 Plenum	Yellow	Reel
				
	10089345	Category 3 Plenum	Black	Reel
				
	10032046	Category 3 Plenum	White	Reel
				
	10032030	Category 3 Plenum	Blue	Reel
				
	10032248	Category 3 Plenum	Red	Reel
				
	10032024	Category 3 Plenum	Violet	Box
				

### Selling delivery information

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