

# ADC Structured Cabling Solutions

## UTP Riser Cable

Issue 2



This UTP 25 Pair riser cable is an unshielded cable, designed to provide connectivity with internationally defined physical and electrical performance.

### Compliances:

- UL Subject 444
- UL-C(UL) Type CMR/CMG
- ICEA S90-661
- NEC 800 type CMR

### Specifications

Conductor .....	24 AWG solid bare copper
Insulation .....	Lead Free Semi rigid PVC
Pairing .....	2 twists per foot(min)
Colour Code .....	Standard Telephony, bandmarked
Ripcord .....	Applied under jacket
Jacket .....	Grey, Lead free, Flame Retardant PVC

### Common Applications

- POTS
- Fractional T1
- Basic Rate ISDN
- 2-, 3-, 4- and 6-pair cables
  - 4 Mbps Token Ring
  - Primary Rate ISDN
  - T1

### Technical Specifications

#### Thermal Characteristics:

Operating Temperature (max): ..... 60°C

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### Electrical Performance:

Conductor DC resistance @ 20°C (max): ..... 28.6Ω /1000 feet (9.38Ω/100 meters)  
 DC resistance unbalance (max):..... 5%  
 Mutual capacitance (typical):..... 19 pF/foot (5.6nF/100 m)  
 Insulation Resistance @ 20°C (min):..... 500 Megohms/1000 feet  
 Operating Voltage (max): ..... 300Vdc

Frequency (MHz)	Impedance (Ohms, Typical)		Attenuation (dB/100m, Typical)	
	2-To-6-Pair	Over 6-Pair	2-To-6-Pair	Over 6-Pair
.256	105	100	1.3	1.4
.512	102	95	1.9	2.0
.772	100	92	2.2	2.3
1.0	97	87	2.6	2.7

### Ordering Information

Description	Quantity	Product No.
UTP Riser Cable Grey, 25 Pair Q1000F	1000 F Box	D2524H0-GY02

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\*KRONE Communications Ltd. is now ADC India Communications Ltd.



### [www.adc.com/in](http://www.adc.com/in)

10C, II Phase Peenya Industrial Area  
 Bangalore 560 058  
 Sales Support: 1800 425 8232

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101  
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