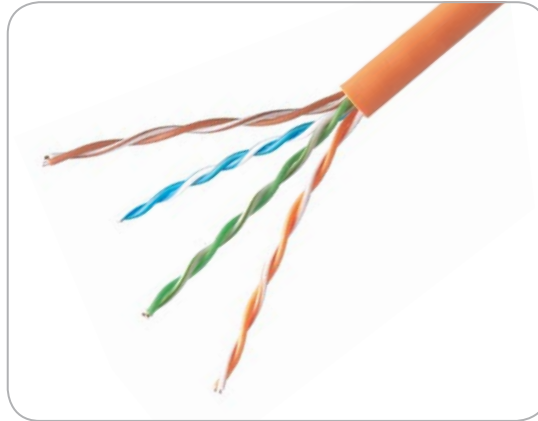


# TrueNet®

## Category 5e Unshielded Horizontal Cable



TrueNet® Horizontal Category 5e cables are core components of the ADC KRONE impedance-matched structured cabling system.

The TrueNet® cable portfolio offers component compliant products that exceed Category 5e standards and come complete with third party certification. When used in a Channel alongside TrueNet® patch panels, patch cords and jacks it provides zero bit error performance safeguarding the data integrity and maximising data throughput.

### Features

- Performance exceeding Category 5e specifications up to 100MHz.
- Finely tuned to impedance match with other TrueNet® Category 5e connectivity.
- Comprehensive portfolio of cable types.
- Fully interoperable and backwards compatible.
- Third party certification at a component level.

### Benefits

- Maximum throughput, reliability and performance in your IT network.
- Delivers zero bit errors, removing the need for Ethernet to re-transmit data packets and ensures data integrity.
- Flexibility to suit the installation requirement.
- Third party certification offers complete peace of mind and guaranteed quality.
- Covered by the TrueNet® System warranty.

TECHNICAL DATA



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## Ordering Information

Description	Catalogue Number
Category 5e LSZH 4PR Orange 305m reel	TN5ETZ1-ORMI
Category 5e PVC 4PR Grey 305m reel	TN5ETR-LSMI

Other variants, colours and lengths are available subject to lead-times and minimum order quantities. Please contact ADC KRONE Customer Services on +44 (0) 1242 264 400.

## Specifications

### Electrical Data

DC resistance at 20°C (max)	9.38Ω / 100m
DC resistance unbalanced (max)	2%
Mutual capacitance at 20°C (max)	5.6nF / 100m
Operating voltage (max)	300 V DC
Worse case cable skew	22 ns / 100m
Nominal velocity of propagation	67%

### Construction

Conductor	24 AWG solid bare copper
Insulation	100% polyolefin
Jacket	LSZH = Low Smoke Zero Halogen PVC = Lead-free flame retardant PVC
Nominal outside diameter	5.0mm

### Environmental

Transport and storage	-20°C to 75°C
Installation	4°C to 50°C
Operation	-20°C to 75°C

### Compliances

Flammability	IEC 60332-1
Smoke density	IEC 61034 (LSZH)
Acid gas	IEC 60754-1 (LSZH)
pH	IEC 60754-2 (LSZH)
Testing requirements	ISO/IEC 11801:2002 2nd edition (ref: IEC 61156 series) ANSI/TIA/EIA 568-B.2.1 EN 50173:2002 (ref: EN 50288 series)



### Web Site: [www.adckrone.com](http://www.adckrone.com)

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