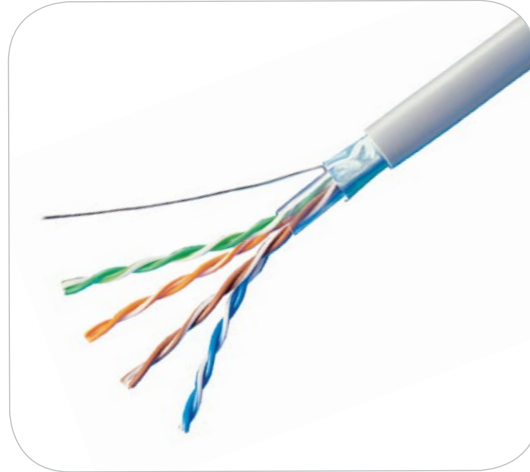


# TrueNet®

## Category 5e 4PR LSZH/PVC F/UTP Horizontal Cable



Commonly known as FTP cable, this is a crucial component of ADC KRONE's impedance matched TrueNet structured cabling solution. This cable guarantees Category 5e performance ensuring maximum network speed, data throughput and efficiency.

The PVC cable is available in standard 305m, 500m or 1000m. In addition to the above, the LSZH cable is also available as 500m shotgun cable.

### Standards:

ISO 11801, EN 50288-2-1, EN 50173, IEC 61156-5-1, EIA/TIA 568-A and B

### Features

- Performance exceeding Category 5e specifications up to 100MHz
- Ensures zero-bit errors, removing the need for Ethernet to re-transmit data packets and ensures data integrity
- Maximum throughput, reliability and performance in your IT network
- Covered by the TrueNet System Warranty

TECHNICAL DATA



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## Ordering Information

Description	Catalogue Number
Horizontal cable Category 5e LSZH, F/UTP 1000m reel, orange	7053 3 132-75
Horizontal cable Category 5e LSZH, F/UTP 500m reel, orange	7053 3 132-74
Horizontal cable Category 5e LSZH, F/UTP 305m box, orange	7053 3 132-70
Horizontal cable Category 5e LSZH, F/UTP 500m reel shotgun, orange	7053 3 532-74
Horizontal cable Category 5e PVC, F/UTP 1000m reel, grey	7053 3 121-75
Horizontal cable Category 5e PVC, F/UTP 500m reel, grey	7053 3 121-74
Horizontal cable Category 5e PVC, F/UTP 305m box, grey	7053 3 121-70

## Specifications

### Electrical Data

Mean impedance	100 ± 5 Ω
Propagation delay difference (skew)	< 45 ns
Loop conductor resistance	≤ 187.6 Ω/km
Capacitance unbalance to ground	≤ 1600 pF/km
Dielectric strength	700 V AC / 1 min
Insulation resistance	≥ 5000 MΩ x km
Current carrying capacity at 60°C:	
- all conductors simultaneously	0.175A
- screen	5A
Coupling attenuation:	
- from 30 to 100 MHz	≥ 55 dB
- from 100 MHz to 1 GHz	> 55 – 20 log f/100

### Construction

Nominal outside diameter	6.3mm
Nominal outside diameter (shotgun)	6.3 x 14mm

### Environmental

Storage temperature	-40°C to +70°C
Operating temperature	-20°C to +60°C
Installation temperature	0°C to +50°C (24 hours prior to installation, store the cable at 20°C ± 5°C)

### Compliances

Fire rating:	IEC 60332-1
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TECHNICAL DATA



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

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