

# TrueNet®

## Category 6 F/UTP Cable

Issue 1



This Category 6, F/UTP 4-pair cable is a screened cable, designed to provide extra protection from external noise sources. This cable guarantees category 6 performance ensuring maximum network speed, data throughput and efficiency.

### Compliances:

- ISO/IEC 11801
- TIA/EIA 568-C.2
- UL Subject 444
- YD/T 1019-2001(P.R.C)

### Specifications

#### Mechanical

Conductor .....	23 AWG copper
Insulation .....	Polyethylene
Jacket .....	PVC
Nominal diameter .....	7.0 +/- 0.5mm
Drain wire .....	Tinned Copper
Foil .....	Aluminium
Minimum bending radius .....	65mm
Maximum pulling tension .....	80N
Nominal weight .....	60kg/km

SPEC SHEET



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### Thermal

Operation ..... -15°C to 70°C  
 Installation ..... 5°C to 40°C

### Electrical

Characteristic impedance ..... 100 +/-15 Ohms  
 NVP Setting ..... 65%

Freq.	Attenuation	Return Loss	ACR	Pr-Pr NEXT	Power Sum NEXT	Pr-Pr ELFEXT	Power Sum ELFEXT
(MHz)	(dB/100m)	(dB/100m)	(dB/100m)	(dB100m)	(dB/100m)	(dB/100m)	(dB/100m)
1	2	20	72.3	74.3	72.3	67.8	64.8
4	3.8	23	61.5	65.3	63.3	55.7	52.8
10	6	25	53.3	59.3	57.3	47.8	44.8
16	7.6	25	48.6	56.2	54.2	43.7	40.7
20	8.5	25	46.3	54.8	52.8	41.8	38.8
31.25	10.7	23.6	41.2	51.9	49.9	37.9	34.9
62.5	15.4	21.5	32	47.4	45.4	31.9	28.9
100	19.8	20.1	24.5	44.3	42.3	27.8	24.8
200	29	18	10.8	39.8	37.8	21.8	18.8
250	32.8	17.3	5.5	38.3	36.3	19.8	16.8

### Ordering Information

Description	Quantity	Colour	Product No.
Category 6 , 4 Pair F/UTP Cable	305m Box	Grey	6462 1 082-01

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