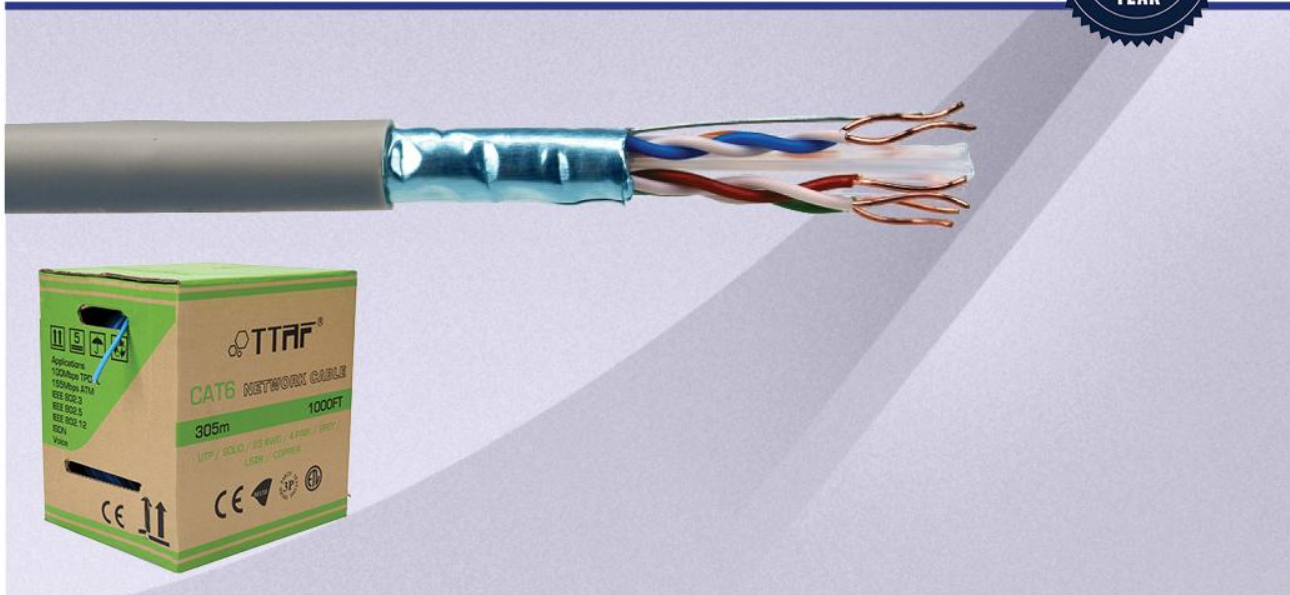


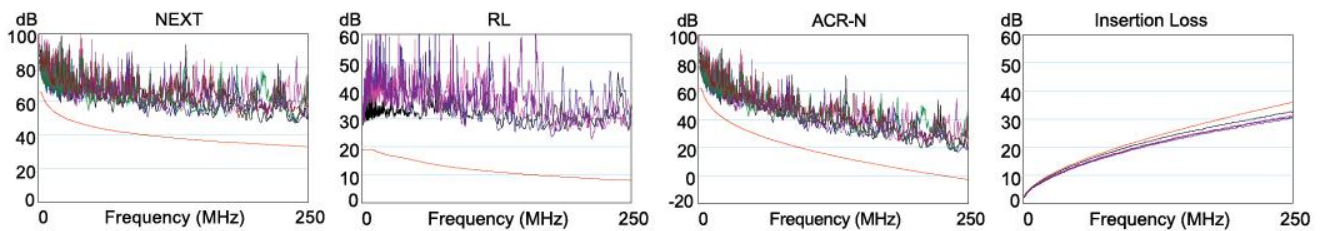
NETWORK COMMUNICATION SOLUTIONS

LAN CABLES

F/UTP Cat6



Transmission specifications



- » Temperature range(C °): -40 to 70
- » Velocity ratio(%): 72
- » Characteristic impedance:
- » (From 1 to 250 MHz)100±15 Ohm
- » Bending radius (min.): 8 x cable diameter
- » Flame retardancy: CMP, CMR, CMG, CM
- » UL file number is E334179
- » It can be tested up to Cat6 performance 250 MHz
- » ETL Conformance Number is 101768951CRT-001b

Construction	FTP Cat6	FTP Cat6a
Conductor (dia.mm)	23 AWG SBC 0.55	23 AWG SBC 0.57
Insulation (dia.mm)	Solid PE - 1.02	Solid PE - 1.10
Filler	Cross member	Cross member
Mylar coverage(%)	>=125%	>=125%
Drain wire	TC	TC
Al-PET shielded	>=125%	>=125%
Jacket (dia.mm)	PVC/LSZH - 7.20	PVC/LSZH - 7.30
No. Of pairs	4	4

Product Description

- » Rated temperature: 90 °C
- » Reference Standard: UL444, UL1581
- » Bare solid copper conductor
- » Rohs/REACH complied PVC / LSZH Jacket
- » Flame Test: IEC60332-1 ,IEC60332-3C
- » Installation temperature:-30°C + 50 °C

STANDARDS AND PERFORMANCES

- » IEC 61156-5 Edition 2.0
- » EN 50288-5-1
- » EIA/TIA 568-C.2-1 – Cat 6
- » ISO 11801 Edition 2 – CLASS E
- » EN 50173 Edition 2 – CLASS E

Application:

- » 100Base-TX
- » 100Base-T
- » 100VG-AnyLAN
- » 1000Base-T (Gigabit Ethernet)
- » 1000Base-TX
- » ATM
- » Noisy Environments