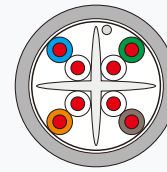


FTP Cat6 (a)



Technical data

- 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 Cat6a performance 500 MHz

Standards and performances

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

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(%)	$\geq 125\%$	$\geq 125\%$
Drain wire	TC	TC
Al-PET shielded	$\geq 125\%$	$\geq 125\%$
Jacket (dia.mm)	PVC/LSZH 7.20	PVC/LSZH 7.30
No. Of pairs	4	4

