

# ET-L5C-F-01

FTP CAT5e Cable



## Product overview

FTP CAT5e Lan Cable/FTP CAT5e Network Cable/FTP CAT5e Ethernet Cable adds a layer of aluminum foil shielding layer on the basis of UTP CAT5e, which makes FTP CAT5e Lan Cable/FTP CAT5e Network Cable/FTP CAT5e Ethernet Cable have more stable transmission and more stable transmission. low loss. FTP CAT5e Lan Cable/FTP CAT5e Network Cable/FTP CAT5e Ethernet Cable meet the requirements of network construction environment.

## Product Specification

Conductor	Material	BC (Customized: CCA / CCC)
	Diameter	0.51 mm ± 0.02 mm
	Wire Gauge	24 AWG
Insulation	Material	HDPE
	Diameter	0.92 mm ± 0.1 mm
Rip Cord	Material	Polyester
	Specification	500 D
Shield	Material	Foil
	Coverage	≥ 10%
Jacket	Material	PVC (Customized: PE/PVC+PE/LSZH)
	Diameter	5.1 mm ± 0.3 mm

## Packing

Single package	Easy pull box
Package length	305m (Optional custom length)
Outer package	Carton box (2×Easy pull box)
Waterproof packaging	Optional

## Test Data

Tensile Strength	Sheath ≥ 13.5 MPa, insulation ≥ 16 MPa
Elongation at Break	Sheath ≥ 150%, insulation ≥ 300%
Installation Bending Radius	> 8 times of outer cable diameter
Conductor Elongation at Break	≥ 10%
Shrinkage of Insulation	≤ 5%
Low Temperature Bending Test	No cracking
Heat Shock Test	No cracking
Operating Temperature	- 20°C to +60°C (-4°F to 140°F)
Storage Temperature Humidity	- 10°C to +40°C (14°F to 104°F), <60% (RH)

## Certifications and Standards

Vertical Fire Propagation Test	Comply with IEC 60332-1-2
Certification	CPR Eca
Executive Standards	Q/DXJ 067-2019, EN50575-2014

## Technical test (dB/100m)

Frequency(MHZ)	1	4	10	25	61.5	100	200	310	350
Impedance(Ω)	100 ± 15						100 ± 22		
Return Loss(dB)	20	23	25	24	22	20	19	18	17
Attenuation	2.0	4.1	6.5	10.4	17.0	22.0	32.4	41.8	44.9
NEXT	65.3	56.3	50.3	44.3	38.4	35.3	31.0	28.0	27.0
ACR-F	63.8	51.7	43.8	35.8	27.8	23.8	18.0	14.0	13.0
PS NEXT	62.3	53.3	47.3	41.3	35.4	32.3	28.0	25.0	24.0
PS ACR-F	60.8	48.7	40.8	32.8	24.8	20.8	15.0	11.0	10.0
Propagation	0.65c								