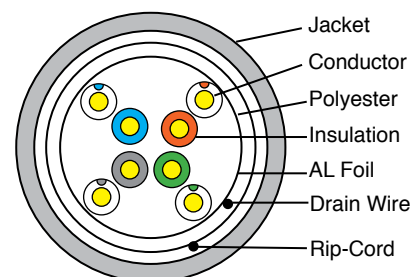


F/UTP CAT5E CABLE



ITEM NO.

- 5 Enhanced F/UTP AWG24

TEST STANDARD

- ISO/IEC 11801, TIA/EIA 568C.2

CONDUCTOR

MATERIAL

- Solid Bare Copper

NOM.O.D.

- 0.51 ± 0.003 mm

INSULATION

MATERIAL

- HDPE

NOM.O.D.

- 1.09 ± 0.03 mm

SHIELD

- Al Foil

JACKET

THICKNESS

- 0.55 ± 0.05 mm

EXTERNAL O.D.

- 6.0 ± 0.3 mm

MATERIAL

- PVC
- LSZH
- PE

COLOR

- According to Requires

ELECTRICAL CHARACTERISTICS (20)

- Impedance(Ω) 100 ± 15
- Delay Shew(ns/100m) ≤ 45
- NVP 69%
- Capacitance(nf/100m) ≤ 5.6
- Capacitance unbalanced to-ground(pf/100m) ≤ 330
- DC Resistance(Ω /100m) ≤ 9.5
- DC Conductor Resistance ≤ 5.0
- Unbalance(%)

RIP-CORD

- Yes

DRAIN WIRE

- 0.40TC

PACKING

PLASTIC REEL & PULL CARTON



DIMENSION

42*42*21cm

LENGTH

305 $\pm$ 1.5m

WOODEN REEL & CARTON



DIMENSION

31*31*29cm

LENGTH

305 $\pm$ 1.5m

F/UTP CAT5E CABLE

TECHNICAL PERFORMANCE(100M):

FREQUENCY	RL	ATT(20°)	NEXT	ACR	FREQUENCY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≥dB	≥dB	≥dB	≥dB	≥dB
1.0	20.0	2.0	65.3	63.3	1.0	62.3	63.8	60.8
4.0	23.0	4.1	56.3	52.2	4.0	53.3	51.8	48.8
8.0	24.5	5.8	51.8	46.0	8.0	48.8	45.7	42.7
10.0	25.0	6.5	50.3	43.8	10.0	47.3	43.8	40.8
16.0	25.0	8.2	47.2	39.0	16.0	44.4	39.7	36.7
20.0	25.0	9.3	45.8	36.5	20.0	42.8	37.8	34.8
25.0	24.3	10.4	44.3	33.9	25.0	41.3	35.8	32.8
31.25	23.6	11.7	42.9	31.2	31.25	39.9	33.9	30.9
62.5	21.5	17.0	38.4	21.4	62.5	35.4	27.9	24.9
100	20.1	22.0	35.3	13.3	100	32.3	23.8	20.8

JACKET PHYSICAL PROPERTIES

JACKET

AGING				COLD BEND	
ITEM		Aging Period	100°*24H*7D	COLD PERIOD	-20±2℃*4H
		Before Aging	After Aging	Bend Radius	8*Cable O.D.
PVC	Tensile Strength	≥13.5 Mpa	≥12.5 Mpa	No Visible Cracks	
	Elongation	≥150 %	≥125 %		
LSZH	Tensile Strength	≥10.0 Mpa	≥8.0 Mpa	No Visible Cracks	
	Elongation	≥125%	≥100%		
PE	Tensile Strength	≥10.0 Mpa	≥8.0 Mpa	No Visible Cracks	
	Elongation	≥350 %	≥350 %		

P/N	DESCRIPTION
FU5.51.PV	Cat5E F/UTP AWG24 PVC jacket
FU5.51.LS	Cat5E F/UTP AWG24 LSZH jacket
FU5.51.PE	Cat5E F/UTP AWG24 PE jacket
FU5.51.PVPE	Cat5E F/UTP AWG24 PVC+PE jacket

Special Jacket according with customer needs