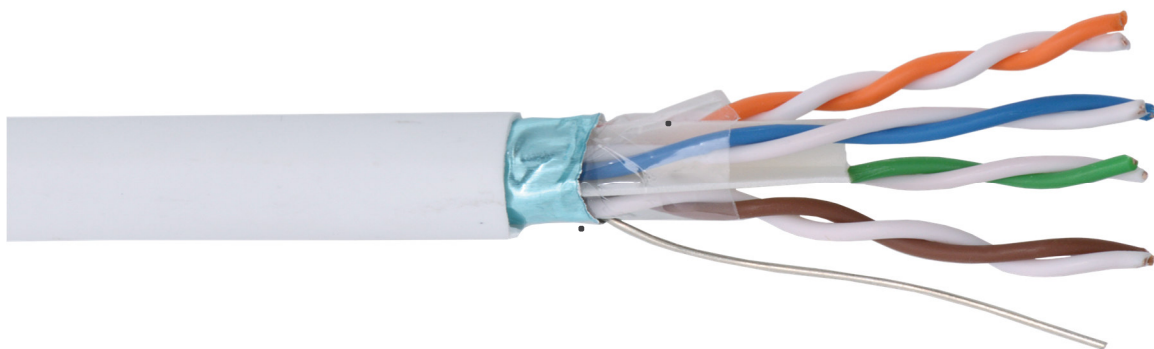


CABLE F/UTP CAT.6A

100010176466



DESCRIPTION	
Rated Voltage (V)	N/A
Rated Temperature (°C)	75
	N/A
APPLICATION	
Product Standard Certification	
Telephone and other communicate on circuits such as voice, data, and audio for on-premise customer systems.	
10/100/1000Base-T/10000Base-T	
155Mbps ATM	
REFERENCE STANDARD	
TIA/EIA-568-C.2	

CONSTRUCTION	
Conductor	Solid Bare Copper
4 Twisted Pair	8C
AWG	23
Construction (±0.02mm)	1/0.57
Insulation	SKIN-FOAM PE-SK
Nom. Thickness (mm)	0.37
Insulation Dia.(±0.05mm)	1.35
Shield	Aluminum/polyester
Overlap	≥25%
Drain Wire	Tinned copper
Coverage	≥40%
Jacket	LSZH
Nom. Thickness (mm)	0.50
Outer Dia. (±0.30mm)	7.6

CABLE UNIFILAR U/FTP CAT.6A	
100010176466	U/FTP LSZH CAT.6 Gris



PERFORMANCE						
Electrical Characteristics (20°C)						
Max. Conductor DC Resistance (Ω/km)			93			
Min. Insulation Resistance ($\Omega\text{M-KM}$)			100M			
Mutual Capacitance			$\leq 5.6\text{nF}/100\text{M}$			
Dielectric Strengt			DC-1KV/1 Min			
Environmental Requirement			RoHS compliant			
F	ATTN	RL	NEXT	ELFEXT	PS NEXT	PS ELFEXT
(MHz)	(dB/100m)	(dB)	(dB)	(dB/100m)	(dB/100m)	(dB/100m)
4	3.8	23	66.3	56	63.3	53
8	5.3	24.5	61.8	49.9	58.8	46
10	5.9	25.0	60.3	48	57.3	45
16	7.5	25.0	57.2	43.9	54.2	40.9
20	8.4	25.0	55.8	42	52.8	39.0
25	9.4	24.3	54.3	40	51.3	37.0
31.25	10.5	23.6	52.9	38.1	49.9	35.1
62.5	15.0	21.5	48.4	32.1	45.4	29.1
100	19.1	20.1	45.3	28.0	42.3	25.0
200	27.6	18.0	40.8	22.0	37.8	19.0
250	31.1	17.3	39.3	20.0	36.3	17.0
300	34.1	17.3	38.1	18.5	35.1	15.5
500	45.3	17.3	34.8	14.0	31.8	11.0