

SFTP CAT6 Network Cable

Aplėn

Telephony Voice Wiring, 10 Base-T, 100 Base-T4
 UL Subject 444, EIA/TIA568 & ISO/IEC 11801

Content

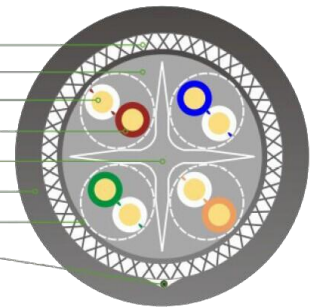
Center conductor	4x2x0.565mm Bare Copper
Dielectric	1.02mm PE
First Shield	Al/PE Foil
Second Shield	Copper/Aluminum Braiding
Outer jacket	6.8mm PVC



Technical Data

Conductor resistance (Max.)	146 Ω/km
Insulation resistance (Min.)	5000 MΩ.km
Capacitance	< 42 pF/m
Impedance	100 Ω (± 5%)
Transport and storage temperature	0 +50 °C
Operating temperature	-20 +60 °C

Braid	
PET	
Copper Conductor	
HDPE Insulation	
Cross Filler	
Jacket	
Aluminum Foil	
Rip Cord	



Performance

Frequency	Attenuation (Max.)	NEXT (Min.)	PS-NEXT	ELFEXT	PS-ELFEXT	Return Loss
1MHz	1,9 dB/100m	72 dB	69 dB	68 dB	65 dB	20 dB
10MHz	5,9 dB/100m	65 dB	62 dB	53 dB	50 dB	23 dB
16MHz	7,5 dB/100m	61 dB	58 dB	48 dB	45 dB	26 dB
25MHz	9,3 dB/100m	55 dB	52 dB	45 dB	42 dB	25 dB
40MHz	12,1 dB/100m	53 dB	50 dB	42 dB	39 dB	23 dB
60MHz	14,8 dB/100m	52 dB	49 dB	35 dB	32 dB	22 dB
100MHz	19,3 dB/100m	50 dB	47 dB	31 dB	28 dB	22 dB
150MHz	23,6 dB/100m	43 dB	40 dB	28 dB	25 dB	19 dB
200MHz	27,5 dB/100m	40 dB	37 dB	24 dB	21 dB	18 dB
250MHz	30,6 dB/100m	38 dB	35 dB	21 dB	18 dB	18 dB

* PVC – Polyvinylchlorid * AWG - American Wire Gauge * AL/PE - Aluminium/Polyethylene

Ordering

Marking	Package	100m/Roll, 100m/Spool, 305m/Spool (or Per customer's request)
	Outer Package	Carton, Color Box, Pallet (or Per customer's request)
Delivery time		Normally 15 days after received the deposit.