



FTP CAT5E Solid outdoor double PVC M

Application:

Outdoor cable for LAN networks Standard first jacket and additional black UV protected jacket. With galvanized steel messenger.

Construction

Center conductor	4x2x0, 50mm (24AWG) BC
Dielectric	PE 1.00mm
Shield	Al/PE Shield
Outer jacket	Double PVC
Messenger	1,3mm Steel

Performance Characteristics

Frequency	Attenuation	NEXT	PS-NEXT	ELFEXT	PS-ELFEXT	Return Loss
1 MHz	1,9 dB/100m	66 dB	63 dB	64 dB	61 dB	20 dB
10 MHz	6,3 dB/100m	51 dB	48 dB	47 dB	44 dB	23 dB
16 MHz	8,0 dB/100m	48 dB	45 dB	44 dB	41 dB	25 dB
20 MHz	9,9 dB/100m	46 dB	43 dB	42 dB	39 dB	25 dB
40 MHz	12,8 dB/100m	44 dB	41 dB	34 dB	31 dB	23 dB
60 MHz	16,0 dB/100m	42 dB	39 dB	28 dB	25 dB	22 dB
100 MHz	21,0 dB/100m	36 dB	33 dB	25 dB	22 dB	21 dB

* PE - Polyethylene * AWG - American Wire Gauge * AL/PE - Aluminium/Polyethylene

Electrical Characteristics

Wire DC resistance	17 /100m
Capacitance	44pF/m
Impedance	100 ± 10 Ω
Velocity of propagation	0,72
Delay skew	<40ns/100m

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