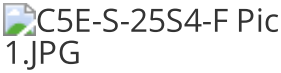




C5E-S-24S4-F
Hybriflex CAT5E Cable; 4 pairs AWG 24 shielded



Cat.5e F/UTP Cable is mainly used for the connection of building horizontal cables , date center EDA , HDA and other areas , it supports 100 Base-T and backward compatible , and supports POE power supply.

Technical Features

GENERAL SPECIFICATIONS

Shielding Type	F/UTP
Quantity of Copper Pairs	4
Cross Section of Copper Wire	0.2mm² (24AWG)
Material of Individual Wire	Solid bare copper
Material of Insulation from Individual Wire	PE
Material of Outer Jacket	LSZH
Outer Diameter	6 mm
Color Code of Individual Wire	White-Blue□Blue ; White-Orange□Orange ; White-Green□Green ; White-Brown□Brown
Standards	ANSI/TIA/EIA-568.2-D ISO/IEC 11801 IEC60332-1 IEC 60754-1 IEC 60754-2 IEC 61034-2

MECHANICAL SPECIFICATIONS

Maximum Pulling Force	110 N
Minimum Multi Bending Radius	48 mm
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Cable Weight	0.012kg/m (0.008lb/ft)

ELECTRICAL SPECIFICATIONS

Impedance 1 - 100 MHz	100 Ω
Mutual Capacitance	≤56
Delay Skew	≤45 ns / 100 m
Capacitance Unbalance	≤330
Insulation Resistance	≥5000 MΩ*km
DC Resistance @ 20°C	≤93.8 Ω/KM
DC Resistance Unbalance	≤5 %

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20°C to 70°C (-4°F to 158°F)
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TRANSFER PERFORMANCE

Frequency, MHz	Attenuation, dB/100m	NEXT, dB	PSNEXT, dB	Return Loss, dB	Delay, ns/100m	ELFEXT, dB	PSELFEXT, dB	TCL, dB	ELTCTL, dB	PSANEXT, dB
1	2,0	65.3	62.3	20	570	63.8	60.8			
4	4.1	56.3	53.3	23	552	51.8	52,8			
8	5.8	51.8	48.8	24,5	547	45.7	46,7			
10	6.5	50.3	47.3	25	545	43.8	44,8			
16	8.2	47.2	44.2	25	543	39.7	40,7			
20	9.3	45.8	42.8	25	542	37.8	38,8			
25	10.4	44.3	41.3	24,3	541	35.8	36,8			
31,25	11.7	42.9	39.9	23,6	540	33.9	34,9			
62,5	17	38.4	35.4	21,5	539	27.9	28,9			
100	22	35.3	32.3	20,1	538	23.8	24,8			