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CAT 6A S/FTP



Standarts

Flame test: comply with IEC 60332-1-2 EN 50173-1:2011
ISO/IEC11801:2011(Ed. 2.2) ANSI/TIA/EIA-568.2-D
EN 50173-2:2007 including amendment A1:2010
IEC61935-2:2010(Ed.3.0) (transmission requirements)

Fiziksel Özellikler

CAT 6A S/FTP	
Temel Kablo İletkeni	Flexible, 26AWG, 7x0,16 mm, bare annealed copper
Yalıtım Malzemesi	Polyolefin
İzole İletken Sayısı	8, twisted in 4 pairs.
Renk Kodları	Orange x White/Orange, Green x White/Green, Blue x White/Blue, Brown x White/Brown
Per folyo ekranlaması	Polyester-Aluminum foil, providing 100% coverage with 25% overlap, aluminum facing out.
Folyo	Tinned copper braid laid in close contact with the individual foil shields
Dış Kılıf	LS0H Halogen free flame retardant
RJ45 Plug	
Kablo Dış Çapı	6.2 ± 0.2 mm

ELECTRICAL AND MECHANICAL SPECIFICATIONS

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Conductor Resistance	≤20Ω
Insulation Resistance	
Characteristic Impedance	100±6 Ohm @ 1-500 MHz
Contact Resistance	20 mOhm max.
Resistance unbalance	2% max
Dielectric strength	1000 volts/1 minute min rms
Coupling attenuation	55 dB min @ 30-100 MHz 55-20log(f/100) @100-500 MHz
Cable to Plug Tensile Strength	9 Kgf (90N) min
Durability	1200
Temperature operating range	-25°C to +70°C