

H578480

Kat 6A F/UTP 4P grön 500Hz LSZH T500

Artikelnummer: VD1C13X218

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Teknisk information

► Communication

communication network category

6_A

Protokoll

VoIP (Voice IP)

PoE 15W (Power over Ethernet)

PoE+ 30W (Power over Ethernet Plus)

1000BASE-T

► certifiering & produkt standard

directives

2006/95/EC - low voltage directive

2011/65/EU - RoHS directive

normes

halogen gas evolution : IEC 60754-1

acidity of combustion gases : IEC 60754-2

smoke generation : IEC 61034

performance: EN 50173-1

performance: EN 50174-1

performance: ANSI/TIA/EIA-568-C.2

flame propagation characteristics: IEC 60332-1

installation standards: ISO/IEC 14763-2

performance: IEC 61156-5 ed. 2.1

performance: ISO/IEC 11801 ed. 2.2, 2011

performance: ISO/IEC 11801 ed. 2.1

installation standards: EN 50174-2

performance: IEEE 802.3af

performance: IEEE 802.3at

performance: prEN 50288-10-1 2010

► anslutningar

Typ av kabel

4 twisted-pairs cable

AWG gauge

AWG 23

cable outer diameter

7.5 mm

► elektrisk

input impedance

100 Ohm @1...500 MHz

► miljö

ambient air temperature for installation

0...50 °C °C

temperaturområde

-20...60 °C °C

ambient air temperature for storage

-20...60 °C °C

temperature resistance

60 °C °C

► funktion

localisation on device

jacket: LSZH (low smoke zero halogen)

conductor: solid bare copper

wire insulation: PE (polyethylene)

► prestanda

Return Loss

Dämpning

Guaranteed: 3.8 dB Typical: 3.7 dB @4 MHz
Guaranteed: 5.9 dB Typical: 5.5 dB @10 MHz
Guaranteed: 7.5 dB Typical: 6.9 dB @16 MHz
Guaranteed: 8.4 dB Typical: 7.7 dB @20 MHz
Guaranteed: 10.5 dB Typical: 9.6 dB @31.25 MHz
Guaranteed: 15 dB Typical: 13.7 dB @62.5 MHz
Guaranteed: 19.1 dB Typical: 17.5 dB @100 MHz
Guaranteed: 21.5 dB Typical: 19.7 dB @125 MHz
Guaranteed: 27.6 dB Typical: 25.2 dB @200 MHz
Guaranteed: 31.1 dB Typical: 28.4 dB @250 MHz
Guaranteed: 34.3 dB Typical: 31.32 dB @300 MHz
Guaranteed: 40.1 dB Typical: 36.62 dB @400 MHz
Guaranteed: 45.3 dB Typical: 41.4 dB @500 MHz

near end crosstalk

Guaranteed: 66.3 dB Typical: 85.5 dB @4 MHz
Guaranteed: 60.3 dB Typical: 77.9 dB @10 MHz
Guaranteed: 57.2 dB Typical: 74 dB @16 MHz
Guaranteed: 55.8 dB Typical: 72.2 dB @20 MHz
Guaranteed: 52.9 dB Typical: 68.5 dB @31.25 MHz
Guaranteed: 48.4 dB Typical: 62.7 dB @62.5 MHz
Guaranteed: 45.3 dB Typical: 58.8 dB @100 MHz
Guaranteed: 43.8 dB Typical: 56.85 dB @125 MHz
Guaranteed: 40.8 dB Typical: 53.1 dB @200 MHz
Guaranteed: 39.3 dB Typical: 51.2 dB @250 MHz
Guaranteed: 38.1 dB Typical: 49.64 dB @300 MHz
Guaranteed: 36.3 dB Typical: 47.29 dB @400 MHz
Guaranteed: 34.8 dB Typical: 45.5 dB @500 MHz

Power Sum Near End Crosstalk (PS NEXT)

Guaranteed: 63.3 dB Typical: 82.5 dB @4 MHz
Guaranteed: 57.3 dB Typical: 74.9 dB @10 MHz
Guaranteed: 54.2 dB Typical: 71 dB @16 MHz
Guaranteed: 52.8 dB Typical: 69.2 dB @20 MHz
Guaranteed: 49.9 dB Typical: 65.5 dB @31.25 MHz
Guaranteed: 45.4 dB Typical: 59.7 dB @62.5 MHz
Guaranteed: 42.3 dB Typical: 55.8 dB @100 MHz
Guaranteed: 40.8 dB Typical: 53.82 dB @125 MHz
Guaranteed: 37.8 dB Typical: 50.1 dB @200 MHz
Guaranteed: 36.3 dB Typical: 48.2 dB @250 MHz
Guaranteed: 35.1 dB Typical: 46.61 dB @300 MHz
Guaranteed: 33.3 dB Typical: 44.22 dB @400 MHz
Guaranteed: 31.8 dB Typical: 42.5 dB @500 MHz

Attenuation Crosstalk Ratio Far-end (ACR-F)

Guaranteed: 56 dB @4 MHz
Guaranteed: 48 dB @10 MHz
Guaranteed: 43.9 dB @16 MHz
Guaranteed: 42 dB @20 MHz
Guaranteed: 38.1 dB @31.25 MHz
Guaranteed: 32.1 dB @62.5 MHz
Guaranteed: 28 dB @100 MHz
Guaranteed: 26.1 dB @125 MHz
Guaranteed: 22 dB @200 MHz
Guaranteed: 20 dB @250 MHz
Guaranteed: 18.5 dB @300 MHz
Guaranteed: 16 dB @400 MHz
Guaranteed: 14 dB @500 MHz

Power Sum Alien Crosstalk Ratio Far-end (PS ACR-F)

Guaranteed: 53 dB @4 MHz
Guaranteed: 45 dB @10 MHz

	Guaranteed: 40.9 dB @16 MHz
	Guaranteed: 39 dB @20 MHz
	Guaranteed: 35.1 dB @31.25 MHz
	Guaranteed: 29.1 dB @62.5 MHz
	Guaranteed: 25 dB @100 MHz
	Guaranteed: 23.1 dB @125 MHz
	Guaranteed: 19 dB @200 MHz
	Guaranteed: 17 dB @250 MHz
	Guaranteed: 15.5 dB @300 MHz
	Guaranteed: 13 dB @400 MHz
	Guaranteed: 11 dB @500 MHz
Power Sum Attenuation to Alien Crosstalk Far-end (PS AACR-F)	Guaranteed: 66.2 dB @4 MHz
	Guaranteed: 58.2 dB @10 MHz
	Guaranteed: 54.1 dB @16 MHz
	Guaranteed: 52.2 dB @20 MHz
	Guaranteed: 48.3 dB @31.25 MHz
	Guaranteed: 42.3 dB @62.5 MHz
	Guaranteed: 38.2 dB @100 MHz
	Guaranteed: 36.3 dB @125 MHz
	Guaranteed: 32.2 dB @200 MHz
	Guaranteed: 30.2 dB @250 MHz
	Guaranteed: 28.7 dB @300 MHz
	Guaranteed: 26.2 dB @400 MHz
	Guaranteed: 24.2 dB @500 MHz
Power Sum Alien Near End Crosstalk (PS ANEXT)	Guaranteed: 67 dB @4 MHz
	Guaranteed: 67 dB @10 MHz
	Guaranteed: 67 dB @16 MHz
	Guaranteed: 67 dB @20 MHz
	Guaranteed: 67 dB @31.25 MHz
	Guaranteed: 65.6 dB @62.5 MHz
	Guaranteed: 62.5 dB @100 MHz
	Guaranteed: 61 dB @125 MHz
	Guaranteed: 58 dB @200 MHz
	Guaranteed: 56.5 dB @250 MHz
	Guaranteed: 55.3 dB @300 MHz
	Guaranteed: 53.5 dB @400 MHz
	Guaranteed: 52 dB @500 MHz
Delay skew	<= 45 ns @1...500 MHz
resistance unbalance	<= 2 % %
transverse conversion loss	>= 40 - 10 x log(f) dB from 1...250 MHz (IEC 61156-5, ed. 2.1)
coupling attenuation	>= 55 dB from 30...100 MHz (IEC 61156-5, ed. 2 type II) >= 55 - 20 x log ₁₀ (f / 100) dB from 100...500 MHz (IEC 61156-5, ed. 2 type II)
segregation class	class c (EN 50174-2)
nominal velocity propagation	70 % %
fysiska egenskaper	
pulling force	<= 392 N N
calorific value	757 MJ/km
bending radius	minimum bending radius after installation: 4 x overall diameter minimum bending radius during installation: 8 x overall diameter
cable weight	50.6 kg/km
artikel nummer	
apparatserie	Actassi
produkt	network cable
cable shielding type	F/UTP
färg	Grön
kabelpaketering	drum of 500 m

Leverantörsinformation

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