

Product data sheet

Specifications



Pre Term Copper CL-MLinks UTP Male-Male RJ45 Plug ISO Class E Channel

VDITBD01D

⚠ Discontinued on: Jun 30, 2023

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Main

Range	Actassi
Product Name	Actassi CL-MLinks
Product	Pre-terminated link with male-male connectors
Colour	Green
Cable Shielding Type	U/UTP
Aggregation Types (Customisable Value In Configurator)	Rapstrap polyurethane elastomer black

Complementary

Type Of Cable	Pre-terminated conforming to ISO 11801: class E channel
Number Of Links (Customizable Value In Configurator)	1 3 4 6 2
Maximum Resistance Unbalance	3 %
Length (Customizable Value In Configurator)	1...60 m
Calorific Value	329 MJ/km
Communication Network Category	6
Supported Applications	PoE 15W (Power over Ethernet) PoE+ 30W (Power over Ethernet Plus) VoIP (Voice IP) 1000BASE-T
Nvp	69 %
Connector A	RJ45 plug
Connector B	RJ45 plug
Type Of Fanout	Straight
Awg Gauge	AWG 23
Type Of Cable	CL-C U/UTP
Pulling Force	95 N
Input Impedance	100 Ohm at 1...250 MHz
Delay Skew	50 ns at 1...250 MHz

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Attenuation	Guaranteed: 4 dB @ 1 MHz Guaranteed: 4.18 dB @ 4 MHz Guaranteed: 6.55 dB @ 10 MHz Guaranteed: 8.31 dB @ 16 MHz Guaranteed: 9.31 dB @ 20 MHz Guaranteed: 11.73 dB @ 31.25 MHz Guaranteed: 16.88 dB @ 62.5 MHz Guaranteed: 21.71 dB @ 100 MHz Guaranteed: 24.5 dB @ 125 MHz Guaranteed: 31.72 dB @ 200 MHz Guaranteed: 35.93 dB @ 250 MHz
Equal Level Far End Crosstalk [Elfext]	63.25 dB at 1 MHz 51.21 dB at 4 MHz 43.25 dB at 10 MHz 39.21 dB at 16 MHz 37.24 dB at 20 MHz 33.36 dB at 31.25 MHz 27.34 dB at 62.5 MHz 17.24 dB at 200 MHz 15.3 dB at 250 MHz 21.32 dB at 100 MHz 23.25 dB at 100 MHz
Power Sum Equal Level Far End Crosstalk [Pselfext]	60.26 dB at 1 MHz 48.21 dB at 4 MHz 40.26 dB at 10 MHz 36.17 dB at 16 MHz 34.24 dB at 20 MHz 30.36 dB at 31.25 MHz 24.34 dB at 62.5 MHz 20.25 dB at 100 MHz 18.32 dB at 125 MHz 14.23 dB at 200 MHz 12.3 dB at 250 MHz
Coupling Attenuation	>= 40 dB from 30...100 MHz conforming to IEC 61156-5, ed. 2.1 type III >= 40 - 20 x log10(f / 100) dB from 100...1000 MHz
Bending Radius	Minimum bending radius after installation: 4 x overall diameter Minimum bending radius during installation: 8 x overall diameter
Cable Outer Diameter	6 mm
Cable Weight	48 kg
Segregation Class (No Electromagnetic Barrier)	Class b conforming to EN 50174-2
Targeted Region	Europe

Environment

Ambient Air Temperature For Installation	0...50 °C
Ambient Air Temperature For Operation	-20...60 °C
Ambient Air Temperature For Storage	-20...60 °C
Temperature Resistance	60 °C
Directives	2014/35/EU - low voltage directive
Flame Retardance	LSZH
Standards	EN 50173-1 ISO 11801

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10 cm
Package 1 Width	10 cm

Package 1 Length	4226 cm
Package 1 Weight	15 kg
Unit Type Of Package 2	S06
Number Of Units In Package 2	1
Package 2 Height	73.5 cm
Package 2 Width	60 cm
Package 2 Length	80 cm
Package 2 Weight	28 kg