Product datasheet

Specifications

Actassi - cable - category 6A - 10G - UTP - 305m - blue - CM

ACTTG4P6AUCM3RBU

Discontinued on: Jun 15, 2023

Discontinued

Main

Range	Actassi
Product Or Component Type	Copper cable
Colour Tint	Blue
Cable Shielding Type	U/UTP

Complementary

Type Of Cable	4 pair cables
Communication Network Category	6_A
Minimum Return Loss	Guaranteed: 20 dB at 1 kHz Guaranteed: 23 dB at 4 kHz Guaranteed: 24.5 dB at 8 kHz Guaranteed: 25 dB at 10 kHz Guaranteed: 25 dB at 16 kHz Guaranteed: 25 dB at 20 kHz Guaranteed: 24.3 dB at 25 kHz Guaranteed: 23.6 dB at 31.25 kHz Guaranteed: 21.5 dB at 62.5 kHz Guaranteed: 20.1 dB at 100 kHz Guaranteed: 18 dB at 200 kHz Guaranteed: 17.3 dB at 250 kHz Guaranteed: 16.8 dB at 300 kHz Guaranteed: 15.9 dB at 400 kHz Guaranteed: 15.2 dB at 500 kHz
Attenuation	Guaranteed: 2.1 dB @ 1 MHz per 100 m cable Guaranteed: 3.8 dB @ 4 MHz per 100 m cable Guaranteed: 5.3 dB @ 8 MHz per 100 m cable Guaranteed: 5.9 dB @ 10 MHz per 100 m cable Guaranteed: 7.5 dB @ 16 MHz per 100 m cable Guaranteed: 8.4 dB @ 20 MHz per 100 m cable Guaranteed: 9.4 dB @ 25 MHz per 100 m cable Guaranteed: 10.5 dB @ 31.25 MHz per 100 m cable Guaranteed: 15 dB @ 62.5 MHz per 100 m cable Guaranteed: 9.1 dB @ 100 MHz per 100 m cable Guaranteed: 27.6 dB @ 200 MHz per 100 m cable Guaranteed: 31.1 dB @ 250 MHz per 100 m cable Guaranteed: 34.3 dB @ 300 MHz per 100 m cable Guaranteed: 40.1 dB @ 400 MHz per 100 m cable Guaranteed: 45.3 dB @ 500 MHz per 100 m cable

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

Power Sum Alien Near-End Crosstalk [Psanext]	67 dB at 1 MHz 67 dB at 4 MHz 67 dB at 8 MHz 67 dB at 10 MHz 67 dB at 16 MHz 67 dB at 20 MHz 67 dB at 25 MHz 67 dB at 31.25 MHz 65.6 dB at 62.5 MHz 65.6 dB at 100 MHz 58 dB at 200 MHz 56.5 dB at 250 MHz 55.3 dB at 300 MHz 53.5 dB at 400 MHz 52 dB at 500 MHz
Power Sum Attenuation To Alien Crosstalk Ratio Far-End [Psaacrf]	66.2 dB at 4 MHz 60.1 dB at 8 MHz 58.2 dB at 10 MHz 54.1 dB at 16 MHz 52.2 dB at 20 MHz 50.2 dB at 25 MHz 48.3 dB at 31.25 MHz 42.3 dB at 62.5 MHz 38.2 dB at 100 MHz 32.2 dB at 200 MHz 30.2 dB at 250 MHz 28.7 dB at 300 MHz 26.2 dB at 400 MHz 24.2 dB at 500 MHz
Near End Crosstalk [Next]	Guaranteed: 74.3 dB at 1 MHz Guaranteed: 65.3 dB at 4 MHz Guaranteed: 60.8 dB at 8 MHz Guaranteed: 59.3 dB at 10 MHz Guaranteed: 56.2 dB at 16 MHz Guaranteed: 54.8 dB at 20 MHz Guaranteed: 53.3 dB at 25 MHz Guaranteed: 51.9 dB at 31.25 MHz Guaranteed: 47.4 dB at 62.5 MHz Guaranteed: 44.3 dB at 100 MHz Guaranteed: 39.8 dB at 200 MHz Guaranteed: 38.3 dB at 250 MHz Guaranteed: 37.1 dB at 300 MHz Guaranteed: 35.3 dB at 400 MHz Guaranteed: 33.8 dB at 500 MHz
Input Impedance	100 Ohm (+/- 15 %) at 1…100 MHz 100 Ohm (+/- 22 %) at 100…250 MHz
Maximum Loop Resistance	72 Ohm
Capacitance Unbalance	330 pF / 100 m
Maximum Resistance Unbalance	5 %
Wire Insulation Material	PE
Conductor Material	Solid bare copper
Awg Gauge	AWG 23
Cable Outer Diameter	7.3 mm
Cable Length	305 m
Cable Weight	17 kg

Environment

Ambient Air Temperature For Operation	75 °C
Flame Retardance	CM
Standards	ANSI/TIA-568-C.2 ISO/IEC 11801 Ea

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.0 cm
Package 1 Width	33.0 cm
Package 1 Length	35.0 cm
Package 1 Weight	13.5 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >

Transparency

RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations