

Product data sheet

Characteristics

ACTTG4P6ASCM3RBU

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



Main

Range	Actassi
Product or component type	Copper cable
Colour tint	Blue
Cable shielding type	F/UTP

Complementary

Type of cable	4 pair cables
Communication network category	6A
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
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	ISO/IEC 11801 Ea ANSI/TIA-568-C.2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.0 cm
Package 1 Width	43.0 cm
Package 1 Length	43.5 cm
Package 1 Weight	19.4 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months
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