



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
Minimum return loss	19.4 dB 0.772 MHz 20 dB 1 MHz 23 dB 4 MHz 24.5 dB 8 MHz 25 dB 10 MHz 25 dB 16 MHz 25 dB 20 MHz 24.3 dB 25 MHz 23.6 dB 31.25 MHz 21.5 dB 62.5 MHz 20.1 dB 100 MHz
Attenuation	Guaranteed: 1.8 dB @ 0.772 MHz per 100 m cable Guaranteed: 2 dB @ 1 MHz per 100 m cable Guaranteed: 4.1 dB @ 4 MHz per 100 m cable Guaranteed: 5.8 dB @ 8 MHz per 100 m cable Guaranteed: 6.5 dB @ 10 MHz per 100 m cable Guaranteed: 8.2 dB @ 16 MHz per 100 m cable Guaranteed: 9.3 dB @ 20 MHz per 100 m cable Guaranteed: 10.4 dB @ 25 MHz per 100 m cable Guaranteed: 11.7 dB @ 31.25 MHz per 100 m cable Guaranteed: 17 dB @ 62.5 MHz per 100 m cable Guaranteed: 22 dB @ 100 MHz per 100 m cable
Power sum near-end crosstalk [PSNEXT]	Guaranteed: 64 dB at 0.772 MHz Guaranteed: 62.3 dB at 1 MHz Guaranteed: 53.3 dB at 4 MHz Guaranteed: 48.8 dB at 8 MHz Guaranteed: 47.3 dB at 10 MHz Guaranteed: 44.3 dB at 16 MHz

	Guaranteed: 42.8 dB at 20 MHz Guaranteed: 41.3 dB at 25 MHz Guaranteed: 39.9 dB at 31.25 MHz Guaranteed: 35.4 dB at 62.5 MHz Guaranteed: 32.3 dB at 100 MHz
Near end crosstalk [NEXT]	Guaranteed: 67 dB at 0.772 MHz Guaranteed: 65.3 dB at 1 MHz Guaranteed: 56.3 dB at 4 MHz Guaranteed: 51.8 dB at 8 MHz Guaranteed: 50.3 dB at 10 MHz Guaranteed: 47.3 dB at 16 MHz Guaranteed: 45.8 dB at 20 MHz Guaranteed: 44.3 dB at 25 MHz Guaranteed: 42.9 dB at 31.25 MHz Guaranteed: 38.4 dB at 62.5 MHz Guaranteed: 35.3 dB at 100 MHz
Input impedance	100 Ohm (+/- 6) at 1...100 MHz
Maximum loop resistance	73.2 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	4.9 mm
Cable length	305 m
Cable length	Asia Pacific

Environment

Ambient air temperature for operation	75 °C
Product certifications	UL
Flame retardance	CM
Standards	ANSI/TIA/EIA-568-B ISO/IEC 11801 UL 444

Offer Sustainability

Sustainable offer status	Green Premium product
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

Contractual warranty

Warranty	18 months
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