



### Main

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

### Complementary

Type of cable	4 pair cables
Communication network category	6
Minimum return loss	28.8 dB 1 MHz 32.9 dB 250 MHz 34.4 dB 4 MHz 34.8 dB 16 MHz 35.2 dB 62.5 MHz 36.3 dB 10 MHz 38.5 dB 200 MHz 38.9 dB 20 MHz 39.9 dB 100 MHz 40.3 dB 31.25 MHz
Attenuation	Guaranteed: 1.6 dB @ 1 MHz per 105 m cable Guaranteed: 13.8 dB @ 62.5 MHz per 105 m cable Guaranteed: 17.7 dB @ 100 MHz per 105 m cable Guaranteed: 25.3 dB @ 200 MHz per 105 m cable Guaranteed: 28.5 dB @ 250 MHz per 105 m cable Guaranteed: 3.4 dB @ 4 MHz per 105 m cable Guaranteed: 5.4 dB @ 10 MHz per 105 m cable Guaranteed: 6.9 dB @ 16 MHz per 105 m cable Guaranteed: 7.7 dB @ 20 MHz per 105 m cable Guaranteed: 9.7 dB @ 31.25 MHz per 105 m cable
Near end crosstalk [NEXT]	Guaranteed: 99 dB at 1 MHz Guaranteed: 66.4 dB at 100 MHz Guaranteed: 66.6 dB at 250 MHz Guaranteed: 68.3 dB at 62.5 MHz Guaranteed: 68.6 dB at 200 MHz Guaranteed: 72.5 dB at 20 MHz Guaranteed: 73.9 dB at 31.25 MHz Guaranteed: 80.2 dB at 10 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

	Guaranteed: 83.6 dB at 16 MHz Guaranteed: 88.2 dB at 4 MHz
Power sum far end crosstalk [PSFEXT]	72 dB at 20 MHz 87 dB at 4 MHz 95 dB at 1 MHz 64.3 dB at 100 MHz 65.2 dB at 200 MHz 65.2 dB at 250 MHz 65.4 dB at 62.5 MHz 73.4 dB at 31.25 MHz 73.9 dB at 16 MHz 77.8 dB at 10 MHz
Input impedance	100 Ohm (+/- 15 %) at 1...100 Hz 100 Ohm (+/- 22 %) at 100...250 Hz
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	6.5 mm
Cable length	305 m
Cable length	Asia Pacific

## Environment

Ambient air temperature for operation	75 °C
Product certifications	UL
Flame retardance	LSZH
Standards	IEC 61156-5 TIA/EIA-568-B ISO/IEC 11801

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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