



Main

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

Complementary

Type of cable	4 pair cables
Communication network category	6
Return loss	Guaranteed: ≥ 23 dB @4 MHz Guaranteed: ≥ 25 dB @10 MHz Guaranteed: ≥ 25 dB @16 MHz Guaranteed: ≥ 25 dB @20 MHz Guaranteed: ≥ 23.6 dB @31.25 MHz Guaranteed: ≥ 21.5 dB @62.5 MHz Guaranteed: ≥ 20.1 dB @100 MHz Guaranteed: ≥ 20 dB @1 MHz Guaranteed: ≥ 24.3 dB @25 MHz Guaranteed: ≥ 19.4 dB @0.772 MHz Guaranteed: ≥ 24.5 dB @8 MHz
Attenuation	2 dB at 1 MHz, cable length 100 m 4.1 dB at 4 MHz, cable length 100 m 5.8 dB at 8 MHz, cable length 100 m 6.5 dB at 10 MHz, cable length 100 m 8.2 dB at 16 MHz, cable length 100 m 9.3 dB at 20 MHz, cable length 100 m 10.4 dB at 25 MHz, cable length 100 m 11.7 dB at 31.25 MHz, cable length 100 m 17 dB at 62.5 MHz, cable length 100 m 22 dB at 100 MHz, cable length 100 m 1.8 dB at 0.772 MHz, cable length 100 m
Power sum near-end crosstalk [PS NEXT]	Guaranteed: 62.3 dB @1 MHz Guaranteed: 53.3 dB @4 MHz Guaranteed: 47.3 dB @10 MHz Guaranteed: 42.8 dB @20 MHz Guaranteed: 39.9 dB @31.25 MHz Guaranteed: 35.4 dB @62.5 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: 32.3 dB @100 MHz
 Guaranteed: 48.8 dB @8 MHz
 Guaranteed: 41.3 dB @25 MHz
 Guaranteed: 64 dB @0.772 MHz
 Guaranteed: 44.3 dB @16 MHz

Input impedance	100 Ohm (+/- 6) at 1...100 MHz
Loop resistance	<= 73.2 Ohm/km
Capacitance unbalance	330 pF / 100 m
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
Targeted region	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
RoHS (date code: YYWW)	Compliant - since 1101 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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