



Main

Range	Actassi
Product or component type	Copper cable
Colour tint	White
Cable shielding type	F ² /UTP

Complementary

Type of cable	4 pair cables
Communication network category	6
Return loss	Guaranteed: ≥ 28.8 dB @1 MHz Guaranteed: ≥ 32.9 dB @250 MHz Guaranteed: ≥ 34.4 dB @4 MHz Guaranteed: ≥ 34.8 dB @16 MHz Guaranteed: ≥ 35.2 dB @62.5 MHz Guaranteed: ≥ 36.3 dB @10 MHz Guaranteed: ≥ 38.5 dB @200 MHz Guaranteed: ≥ 38.9 dB @20 MHz Guaranteed: ≥ 39.9 dB @100 MHz Guaranteed: ≥ 40.3 dB @31.25 MHz
Attenuation	1.6 dB at 1 MHz, cable length 105 m 13.8 dB at 62.5 MHz, cable length 105 m 17.7 dB at 100 MHz, cable length 105 m 25.3 dB at 200 MHz, cable length 105 m 28.5 dB at 250 MHz, cable length 105 m 3.4 dB at 4 MHz, cable length 105 m 5.4 dB at 10 MHz, cable length 105 m 6.9 dB at 16 MHz, cable length 105 m 7.7 dB at 20 MHz, cable length 105 m 9.7 dB at 31.25 MHz, cable length 105 m
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

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

	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
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	6.5 mm
Cable length	305 m
Targeted region	Asia Pacific

Environment

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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1201 - 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
-----------------	-----------