



## 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	5e
Return loss	Guaranteed: $\geq 23$ dB @4 MHz Guaranteed: $\geq 25$ dB @10 MHz Guaranteed: $\geq 25$ dB @16 MHz Guaranteed: $\geq 25$ dB @20 MHz Guaranteed: $\geq 23.6$ dB @31.25 MHz Guaranteed: $\geq 21.5$ dB @62.5 MHz Guaranteed: $\geq 20.1$ dB @100 MHz Guaranteed: $\geq 20$ dB @1 MHz Guaranteed: $\geq 24.3$ dB @25 MHz Guaranteed: $\geq 19.4$ dB @0.772 MHz Guaranteed: $\geq 24.5$ 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  
 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	<= 93.8 Ohm/km
Capacitance unbalance	330 pF / 100 m
Resistance unbalance	<= 5 %
Wire insulation material	PE
Conductor material	Solid bare copper
AWG gauge	AWG 24
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 <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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