



Main

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

Complementary

Type of cable	4 pair cables
Communication network category	5e
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: ≥ 25 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
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: 44.2 dB @16 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

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: 48.8 dB @8 MHz
Guaranteed: 41.3 dB @25 MHz

Loop resistance	<= 93.8 Ohm/km
Capacitance unbalance	330 pF / 100 m
Resistance unbalance	<= 5 %
Wire insulation material	PE
AWG gauge	AWG 24
Cable outer diameter	5 mm
Cable length	305 m
Cable weight	42 kg
Targeted region	Asia Pacific

Environment

Ambient air temperature for operation	-20...60 °C
Flame retardance	CM

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 contains SVHC above the threshold - Go to CaP for more details Go to CaP for more details
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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