



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	6 _A
Return loss	Guaranteed: ≥ 20 dB @ 1 kHz Guaranteed: ≥ 23 dB @ 4 kHz Guaranteed: ≥ 24.5 dB @ 8 kHz Guaranteed: ≥ 25 dB @ 10 kHz Guaranteed: ≥ 25 dB @ 16 kHz Guaranteed: ≥ 25 dB @ 20 kHz Guaranteed: ≥ 24.3 dB @ 25 kHz Guaranteed: ≥ 23.6 dB @ 31.25 kHz Guaranteed: ≥ 21.5 dB @ 62.5 kHz Guaranteed: ≥ 20.1 dB @ 100 kHz Guaranteed: ≥ 18 dB @ 200 kHz Guaranteed: ≥ 17.3 dB @ 250 kHz Guaranteed: ≥ 16.8 dB @ 300 kHz Guaranteed: ≥ 15.9 dB @ 400 kHz Guaranteed: ≥ 15.2 dB @ 500 kHz
Attenuation	2.1 dB at 1 MHz, cable length 100 m 3.8 dB at 4 MHz, cable length 100 m 5.3 dB at 8 MHz, cable length 100 m 5.9 dB at 10 MHz, cable length 100 m 7.5 dB at 16 MHz, cable length 100 m 8.4 dB at 20 MHz, cable length 100 m 9.4 dB at 25 MHz, cable length 100 m 10.5 dB at 31.25 MHz, cable length 100 m 15 dB at 62.5 MHz, cable length 100 m 9.1 dB at 100 MHz, cable length 100 m 27.6 dB at 200 MHz, cable length 100 m 31.1 dB at 250 MHz, cable length 100 m 34.3 dB at 300 MHz, cable length 100 m 40.1 dB at 400 MHz, cable length 100 m 45.3 dB at 500 MHz, cable length 100 m
Power sum alien near-end crosstalk [PS ANEXT]	67 dB at 1 MHz 67 dB at 4 MHz 67 dB at 8 MHz 67 dB at 10 MHz 67 dB at 16 MHz 67 dB at 20 MHz 67 dB at 25 MHz 67 dB at 31.25 MHz 65.6 dB at 62.5 MHz 65.6 dB at 100 MHz 58 dB at 200 MHz 56.5 dB at 250 MHz 55.3 dB at 300 MHz 53.5 dB at 400 MHz 52 dB at 500 MHz
Power sum attenuation to alien crosstalk ratio far-end	66.2 dB at 4 MHz

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[PS AACR-F]

60.1 dB at 8 MHz
58.2 dB at 10 MHz
54.1 dB at 16 MHz
52.2 dB at 20 MHz
50.2 dB at 25 MHz
48.3 dB at 31.25 MHz
42.3 dB at 62.5 MHz
38.2 dB at 100 MHz
32.2 dB at 200 MHz
30.2 dB at 250 MHz
28.7 dB at 300 MHz
26.2 dB at 400 MHz
24.2 dB at 500 MHz

Near end crosstalk [NEXT]	Guaranteed: 74.3 dB @1 MHz Guaranteed: 38.3 dB @250 MHz Guaranteed: 33.8 dB @500 MHz Guaranteed: 65.3 dB @4 MHz Guaranteed: 60.8 dB @8 MHz Guaranteed: 59.3 dB @10 MHz Guaranteed: 56.2 dB @16 MHz Guaranteed: 54.8 dB @20 MHz Guaranteed: 53.3 dB @25 MHz Guaranteed: 51.9 dB @31.25 MHz Guaranteed: 47.4 dB @62.5 MHz Guaranteed: 44.3 dB @100 MHz Guaranteed: 39.8 dB @200 MHz Guaranteed: 37.1 dB @300 MHz Guaranteed: 35.3 dB @400 MHz
Input impedance	100 Ohm (+/- 15 %) at 1...100 MHz 100 Ohm (+/- 22 %) at 100...250 MHz
Loop resistance	<= 72 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	7.3 mm
Cable length	305 m
Cable weight	17 kg

Environment

ambient air temperature for operation	75 °C
flame retardance	CM
standards	ANSI/TIA-568-C.2 ANSI/TIA-568-C.2 ISO/IEC 11801 Ea

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0852 - Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations