



### Main

Range of product	Actassi
Product or component type	Copper cable

### Complementary

Type of cable	4 pair cables
Cable shielding type	FTP
Communication network category	6A
Flame retardance	CM
Return loss	15.2 dB, at 500 MHz 15.9 dB, at 400 MHz 16.8 dB, at 300 MHz 17.3 dB, at 250 MHz 18 dB, at 200 MHz 20.1 dB, at 100 MHz 21.5 dB, at 62.5 MHz 23.6 dB, at 31.25 MHz 24.3 dB, at 25 MHz 25 dB, at 20 MHz 25 dB, at 16 MHz 25 dB, at 10 MHz 24.5 dB, at 8 MHz 23 dB, at 4 MHz 20 dB, at 1 MHz
Attenuation	45.3 dB at 500 MHz, cable length 100 m 40.1 dB at 400 MHz, cable length 100 m 34.3 dB at 300 MHz, cable length 100 m 31.1 dB at 250 MHz, cable length 100 m 27.6 dB at 200 MHz, cable length 100 m 9.1 dB at 100 MHz, cable length 100 m 15 dB at 62.5 MHz, cable length 100 m 10.5 dB at 31.25 MHz, cable length 100 m 9.4 dB at 25 MHz, cable length 100 m 8.4 dB at 20 MHz, cable length 100 m 7.5 dB at 16 MHz, cable length 100 m 5.9 dB at 10 MHz, cable length 100 m 5.3 dB at 8 MHz, cable length 100 m 3.8 dB at 4 MHz, cable length 100 m 2.1 dB at 1 MHz, cable length 100 m

Power Sum Near End Crosstalk (PS NEXT)	31.8 dB at 500 MHz 35.1 dB at 400 MHz 35.1 dB at 300 MHz 36.3 dB at 250 MHz 37.8 dB at 200 MHz 42.3 dB at 100 MHz 45.4 dB at 62.5 MHz 49.9 dB at 31.25 MHz 51.3 dB at 25 MHz 52.8 dB at 20 MHz 54.2 dB at 16 MHz 57.3 dB at 10 MHz 58.8 dB at 8 MHz 63.3 dB at 4 MHz 72.3 dB at 1 MHz
Power Sum Alien Near End Crosstalk (PS ANEXT)	52 dB at 500 MHz 53.5 dB at 400 MHz 55.3 dB at 300 MHz 56.5 dB at 250 MHz 58 dB at 200 MHz 65.6 dB at 100 MHz 65.6 dB at 62.5 MHz 67 dB at 31.25 MHz 67 dB at 25 MHz 67 dB at 20 MHz 67 dB at 16 MHz 67 dB at 10 MHz 67 dB at 8 MHz 67 dB at 4 MHz 67 dB at 1 MHz At 1 MHz
Power Sum Attenuation to Alien Crosstalk Far-end (PS AACR-F)	24.2 dB at 500 MHz 26.2 dB at 400 MHz 28.7 dB at 300 MHz 30.2 dB at 250 MHz 32.2 dB at 200 MHz 38.2 dB at 100 MHz 42.3 dB at 62.5 MHz 48.3 dB at 31.25 MHz 50.2 dB at 25 MHz 52.2 dB at 20 MHz 54.1 dB at 16 MHz 58.2 dB at 10 MHz 60.1 dB at 8 MHz 66.2 dB at 4 MHz
Near end crosstalk	33.8 dB at 500 MHz 35.3 dB at 400 MHz 37.1 dB at 300 MHz 38.3 dB at 250 MHz 39.8 dB at 200 MHz 44.3 dB at 100 MHz 47.4 dB at 62.5 MHz 51.9 dB at 31.25 MHz 53.3 dB at 25 MHz 54.8 dB at 20 MHz 56.2 dB at 16 MHz 59.3 dB at 10 MHz 60.8 dB at 8 MHz 65.3 dB at 4 MHz 74.3 dB at 1 MHz
Input impedance	100 Ohm (+/- 22 %) at 100...250 MHz 100 Ohm (+/- 15 %) at 1...100 MHz
Loop resistance	72 Ohm/km
Capacitance unbalance	330 pF/100 m
Resistance unbalance	5 %
Colour tint	Blue
Wire insulation material	PE
Conductor material	Solid bare copper
AWG gauge	23
Temperature resistance	75 °C
Cable outer diameter	7.3 mm
Cable length	305 m
Cable weight	17 kg/km

## Environment

Standards	ISO/IEC 11801 Ea TIA/EIA-568-B.2-10
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## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0852 - <a href="#">Schneider Electric declaration of conformity</a>
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Need no specific recycling operations