



Main

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|---------------------------|--------------|
| Range of product | Actassi |
| Range | Actassi |
| Product or component type | Copper cable |
| Colour tint | Blue |

Complementary

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|--------------------------------|--|
| Type of cable | 4 pair cables |
| Cable shielding type | F ² /UTP |
| Communication network category | 6 |
| Return loss | 28.8 dB, at 1 MHz 32.9 dB, at 250 MHz 34.4 dB, at 4 MHz 34.8 dB, at 16 MHz 35.2 dB, at 62.5 MHz 36.3 dB, at 10 MHz 38.5 dB, at 200 MHz 38.9 dB, at 20 MHz 39.9 dB, at 100 MHz 40.3 dB, at 31.25 MHz |
| Attenuation | 1.6 dB at 1 MHz, cable length 100 m 13.8 dB at 62.5 MHz, cable length 100 m 17.7 dB at 100 MHz, cable length 100 m 25.3 dB at 200 MHz, cable length 100 m 28.5 dB at 250 MHz, cable length 100 m 3.4 dB at 4 MHz, cable length 100 m 5.4 dB at 10 MHz, cable length 100 m 6.9 dB at 16 MHz, cable length 100 m 7.7 dB at 20 MHz, cable length 100 m 9.7 dB at 31.25 MHz, cable length 100 m |
| Near end crosstalk [NEXT] | 99 dB at 1 MHz 66.4 dB at 100 MHz 66.6 dB at 250 MHz 68.3 dB at 62.5 MHz 68.6 dB at 200 MHz 72.5 dB at 20 MHz 73.9 dB at 31.25 MHz |

2D4P6T2PS3RBU

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| | 80.2 dB at 10 MHz 83.6 dB at 16 MHz 88.2 dB at 4 MHz |
| 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 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 |

Environment

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

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1052 - 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

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|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|