



Main

Range of product	Digilink
Product or component type	Copper cable
Cable shielding type	UTP
Communication network category	5e
Colour tint	Grey

Complementary

Type of cable	4 twisted-pairs cable
Return loss	19.4 dB @ 0.772 MHz 20.1 dB @ 100 MHz 21.5 dB @ 62.5 MHz 23.6 dB @ 31.25 MHz 24.3 dB @ 25 MHz 25 dB @ 20 MHz 25 dB @ 16 MHz 25 dB @ 10 MHz 24.5 dB @ 8 MHz 23 dB @ 4 MHz 20 dB @ 1 MHz
Attenuation	22 dB/100 m @ 100 MHz 17 dB/100 m @ 62.5 MHz 11.7 dB/100 m @ 31.25 MHz 10.4 dB/100 m @ 25 MHz 9.3 dB/100 m @ 20 MHz 8.2 dB/100 m @ 16 MHz 6.5 dB/100 m @ 10 MHz 5.8 dB/100 m @ 8 MHz 4.1 dB/100 m @ 4 MHz 2 dB/100 m @ 1 MHz
Attenuation to crosstalk ratio (ACR)	13 dB @ 100 MHz 21 dB @ 62.5 MHz 31 dB @ 31.25 MHz 34 dB @ 25 MHz 37 dB @ 20 MHz 39 dB @ 16 MHz 44 dB @ 10 MHz 46 dB @ 8 MHz 52 dB @ 4 MHz 63 dB @ 1 MHz
Power Sum Near End Crosstalk (PS NEXT)	32.3 dB @ 100 MHz 35.4 dB @ 62.5 MHz 39.9 dB @ 31.25 MHz 41.3 dB @ 25 MHz 42.8 dB @ 20 MHz 44.3 dB @ 16 MHz 47.3 dB @ 10 MHz 48.8 dB @ 8 MHz 53.3 dB @ 4 MHz 62.3 dB @ 1 MHz

Near end crosstalk	35.3 dB @ 100 MHz 38.4 dB @ 62.5 MHz 42.9 dB @ 31.25 MHz 44.3 dB @ 25 MHz 45.8 dB @ 20 MHz 47.3 dB @ 16 MHz 50.3 dB @ 10 MHz 51.8 dB @ 8 MHz 56.3 dB @ 4 MHz 65.3 dB @ 1 MHz
Equal level far end crosstalk	23.8 dB @ 100 MHz 27.8 dB @ 62.5 MHz 33.9 dB @ 31.25 MHz 35.8 dB @ 25 MHz 37.7 dB @ 20 MHz 39.7 dB @ 16 MHz 43.8 dB @ 10 MHz 45.7 dB @ 8 MHz 51.7 dB @ 4 MHz 63.8 dB @ 1 MHz
Power sum equal level far end crosstalk	20.8 dB @ 100 MHz 24.8 dB @ 62.5 MHz 30.9 dB @ 31.25 MHz 32.8 dB @ 25 MHz 34.7 dB @ 20 MHz 36.7 dB @ 16 MHz 40.8 dB @ 10 MHz 42.7 dB @ 8 MHz 48.7 dB @ 4 MHz 60.8 dB @ 1 MHz
Delay skew	540 ns/100 m @ 100 MHz 539 ns/100 m @ 62.5 MHz 540 ns/100 m @ 31.25 MHz 541 ns/100 m @ 25 MHz 542 ns/100 m @ 20 MHz 543 ns/100 m @ 16 MHz 545 ns/100 m @ 10 MHz 547 ns/100 m @ 8 MHz 552 ns/100 m @ 4 MHz 570 ns/100 m @ 1 MHz
Input impedance	100 Ohm +/- 6 % @ 1...100 MHz
DC resistance	>= 72 Ohm/km
Nominal velocity propagation	69 %
Insulation resistance	>= 500 mOhm/km500 V DC
Material	PVC (polyvinyl chloride) jacket
Conductor material	Solid bare copper
AWG gauge	24
Cable outer diameter	5.1 mm
Cable length	305 m

Environment

Flame retardance	UL 94 V-0
Product certifications	UL listed UL/ETL verified
Standards	ISO/IEC 11801 ANSI/TIA-568-C.2

Contractual warranty

Period	18 months
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