



Main

Range of product	Digilink
Product or component type	Copper cable
Cable shielding type	UTP
Communication network category	6
Colour tint	Grey

Complementary

Type of cable	4 twisted-pairs cable
Return loss	17.3 dB @ 250 MHz 18 dB @ 200 MHz 18.9 dB @ 150 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	32.8 dB/100 m @ 250 MHz 29 dB/100 m @ 200 MHz 24.7 dB/100 m @ 150 MHz 19.8 dB/100 m @ 100 MHz 15.4 dB/100 m @ 62.5 MHz 10.7 dB/100 m @ 31.25 MHz 9.5 dB/100 m @ 25 MHz 8.5 dB/100 m @ 20 MHz 7.6 dB/100 m @ 16 MHz 6 dB/100 m @ 10 MHz 5.3 dB/100 m @ 8 MHz 3.8 dB/100 m @ 4 MHz 2 dB/100 m @ 1 MHz
Attenuation to crosstalk ratio (ACR)	5.5 dB @ 250 MHz 10.8 dB @ 200 MHz 16.9 dB @ 150 MHz 25 dB @ 100 MHz 32 dB @ 62.5 MHz 41 dB @ 31.25 MHz 44 dB @ 25 MHz 46 dB @ 20 MHz 49 dB @ 16 MHz 53 dB @ 10 MHz 55 dB @ 8 MHz 61 dB @ 4 MHz 72 dB @ 1 MHz
Power Sum Near End Crosstalk (PS NEXT)	36.3 dB @ 250 MHz 37.8 dB @ 200 MHz 39.7 dB @ 150 MHz 42.3 dB @ 100 MHz 45.4 dB @ 62.5 MHz 49.9 dB @ 31.25 MHz 51.3 dB @ 25 MHz 52.8 dB @ 20 MHz 54.2 dB @ 16 MHz 57.3 dB @ 10 MHz 58.8 dB @ 8 MHz 63.3 dB @ 4 MHz 72.3 dB @ 1 MHz
Near end crosstalk	38.3 dB @ 250 MHz 39.8 dB @ 200 MHz 41.7 dB @ 150 MHz 44.3 dB @ 100 MHz 47.4 dB @ 62.5 MHz 51.9 dB @ 31.25 MHz 53.3 dB @ 25 MHz 54.8 dB @ 20 MHz 56.2 dB @ 16 MHz 59.3 dB @ 10 MHz 60.8 dB @ 8 MHz 65.3 dB @ 4 MHz 74.3 dB @ 1 MHz

Equal level far end crosstalk	19.8 dB @ 250 MHz 21.8 dB @ 200 MHz 24.3 dB @ 150 MHz 27.8 dB @ 100 MHz 31.9 dB @ 62.5 MHz 37.9 dB @ 31.25 MHz 39.8 dB @ 25 MHz 41.8 dB @ 20 MHz 43.7 dB @ 16 MHz 47.8 dB @ 10 MHz 49.7 dB @ 8 MHz 55.8 dB @ 4 MHz 67.8 dB @ 1 MHz
Power sum equal level far end crosstalk	16.8 dB @ 250 MHz 18.8 dB @ 200 MHz 21.3 dB @ 150 MHz 24.8 dB @ 100 MHz 28.9 dB @ 62.5 MHz 34.9 dB @ 31.25 MHz 36.8 dB @ 25 MHz 38.8 dB @ 20 MHz 40.7 dB @ 16 MHz 44.8 dB @ 10 MHz 46.7 dB @ 8 MHz 52.8 dB @ 4 MHz 64.8 dB @ 1 MHz
Delay skew	536 ns/100 m @ 250 MHz 537 ns/100 m @ 200 MHz 537 ns/100 m @ 150 MHz 538 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...300 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	23
Cable outer diameter	6 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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