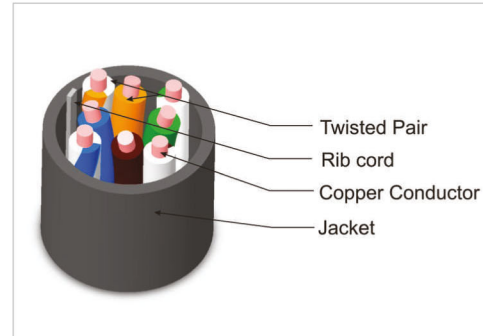


Category 5e+ UTP Solid Cable

DIGILINK E400 Cat 5e+ cable series consists of 100-Ohm impedance, 4-pair UTP cables for horizontal installations in local area networks (LANs). All cables meet and exceed Category 5e Class D performance requirements in TIA/EIA - 568- B.2 and ISO/IEC 11801 standards. These cables are UL listed and UL & ETL verified.



Product Features & Compliances

- Exceptional material properties and cable design
- High ACR values- providing low BER (Bit Error-Rate)
- Exceeds Cat 5e Performance
- Extremely high pair-balance-providing excellent EMC (Electromagnetic compatibility)
- Minimum radiations and maximum noise immunity.
- Performance Optimized up to 400 MHz
- Unique Hologram sticker for authenticity.
- UL94V-0 rated plastic
- RoHS Compliance
- ETL Verified
- ANSI/TIA/EIA-568-B.2
- ISO/IEC-11801 (2nd edition) Class D
- Performance verified upto 400 MHz

Specifications

Mechanical

Outer Diameter: Nominal diameter 5.0mm
 4 twisted pair
 Conductor diameter: 0.51mm (AWG)
 Conductor type: 24 AWG bare solid copper.
 Jacket material: PVC
 Standard Colour: Grey

Electrical

Characteristic Impedance : $100 \pm 6 \Omega$ @ 1-100 Mhz
 DC Resistance: 93 Ω /km (max)
 Voltage rating: 72 Vdc max
 Dielectric strength: 1500pF/km max. @ 1 KHz
 Insulation Resistance: 500m Ω km (min)@500 Vdc
 Velocity of Propagation (NVP): 67-69%

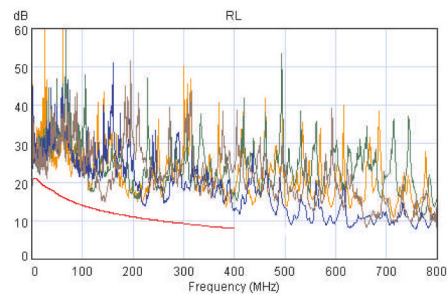
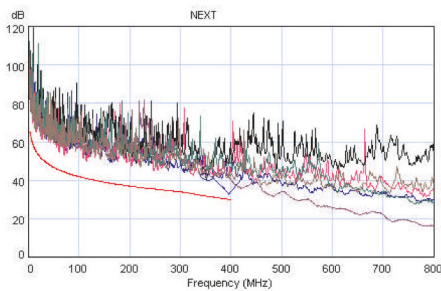
Category 5e+ UTP Solid Cable



DIGILINK Category 5e+ (E400) UTP 100 Ohm LAN Solid Cable

PERFORMANCE CHARACTERISTICS TIA/EIA-568-B2												
FREQUENCY (MHz)	INSERTION LOSS (Attenuation) dB/100m		NEXT (dB)		PSNEXT (dB)		ELFEXT (dB)		PSELFEXT (dB)		RETURN LOSS (dB)	
	Standard	DIGILINK	Standard	DIGILINK	Standard	DIGILINK	Standard	DIGILINK	Standard	DIGILINK	Standard	DIGILINK
1	3	1.5	65	77.2	62	75	64.2	82.2	61.2	72.6	19.1	25.2
4	3.5	3.1	64.5	75.8	61.8	66.5	52.1	71.9	49.1	62.6	21	29.3
8	5	4.4	59.4	68	57	60.4	46.1	66	43.1	55.9	21	29.3
10	5.5	4.9	57.8	69.4	55.5	60.3	44.2	62	41.2	54.3	21	26.9
16	7	6.3	54.6	63.4	52.2	60	40.1	59	37.1	50.6	20	25.7
20	7.8	7.1	53.1	60.8	50.7	55.1	38.2	57.5	35.2	48.5	19.5	27.6
25	8.8	8	51.5	60	49.1	54.8	36.2	55	33.2	47.9	19	25.1
31.25	9.8	9	50	57.9	47.5	52.2	34.3	49.3	31.3	44.9	18.5	24.9
62.5	14	12.9	45.1	55	42.7	50.2	28.3	40.5	25.3	39	16	21.3
100	18	16.5	41.8	52	39.3	48.9	24.2	35.5	21.2	33.5	14	19.1
200	26.1	23.6	36.9	44.1	34.3	39.6	18.2	30.3	15.2	26.8	11	17
250	29.5	27	35.3	43	32.7	36.8	16.2	28.5	13.2	24.6	10	17
300	32.7	29.4	34	41.7	31.4	35.8	14.6	24.4	11.6	20.5	9.2	16.1
350	35.6	32.2	31.8	38.8	29.1	34.9	13.3	21.7	10.3	22.4	8.6	17.5
400	38.4	33.5	29.9	34	27.1	32.4	12.1	18.6	9.1	15.4	8	16.3

** Extrapolated Values



Ordering Information

Description	Length	Product Code
DIGILINK Solid Cable Cat 5e+, UTP 4 Pair	305m	DCECAUTP4P3X

Note: This cable is used for low Voltage signal transmission used in IT industry.