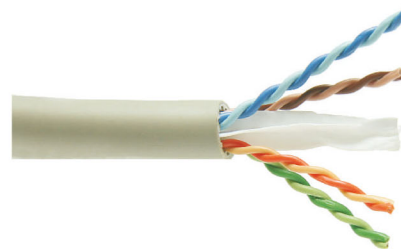
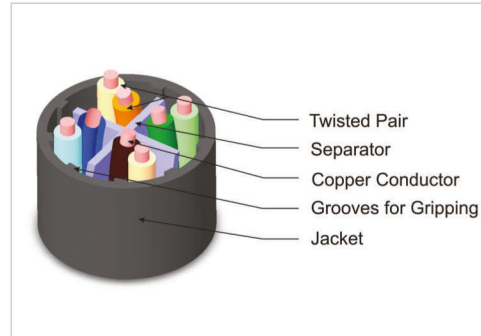


DIGILINK TG800 solutions include a new type of 4 pair cable designed to give channel performance exceeding augmented category 6 A / Class E_A channel specifications and in addition has substantially improved Alien crosstalk performance.



Product Features & Compliances

- Exceptional material properties and cable design
- High ACR values- providing low BER (Bit Error-Rate)
- A round smooth shape for better handling
- Extremely high pair-balance-providing excellent EMC (Electromagnetic compatibility)
- Minimum radiations and maximum noise immunity.
- Unique Hologram sticker for authenticity.
- Category 6 according ANSI/TIA/EIA-568-B.2-10
- UL - rated plastic
- RoHS Compliant
- ETL Verified
- 250 MHz according to CENELEC EN 50288-5
- Class E_A according to IEC61156-5 (for ISO/iec- 118012 - 2nd Edition)
- Performance verified upto 800 MHz

Specifications

Mechanical

Outer Diameter: Nominal diameter 8.0mm
 4 twisted pair
 Conductor diameter: 0.57mm (AWG)
 Conductor type: 22 AWG bare solid copper.
 Jacket material & thickness: PVC, 1.45mm
 Standard Colour: Grey
 Weight: 48.51lbs (22 kg/305m)

Electrical

Characteristic Impedance : 100±6 Ω@ 1-600 Mhz
 DC Resistance: 72 Ω/km (max)
 Voltage rating: 72 Vdc max
 Dielectric strength: 1500 V/1 minute min rms
 Insulation Resistance: 500mΩ km (min)@500 Vdc
 Velocity of Propagation (NVP): 67-69%

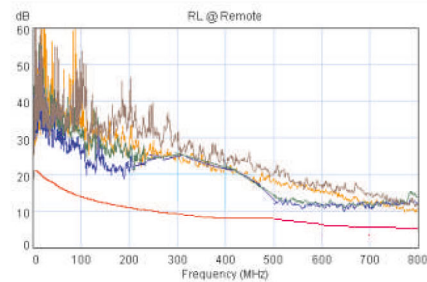
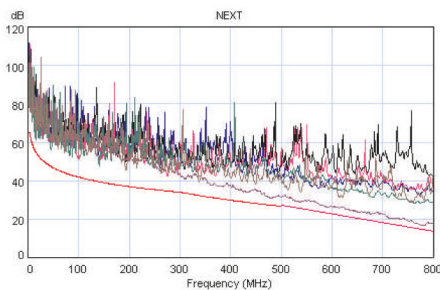
Category 6A (10G) UTP Solid Cable



DIGILINK Category 6A (TG800) UTP 100 Ohm LAN Solid Cable

PERFORMANCE CHARACTERISTICS TIA/EIA-568-B2-10												
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	1.2	65	89.8	62	83.4	64.2	88	61.2	80.6	19.1	29.9
4	3.5	2.3	64.5	86.3	61.8	82.2	52.1	80.7	49.1	69.3	21	36.7
8	5	3.2	59.4	79.4	57	77	46.1	80.2	43.1	63.3	21	35.8
10	5.5	4	57.8	78.3	55.5	76.3	44.2	77.4	41.2	61.5	21	33.2
16	7	5.1	54.6	80.6	52.2	70.3	40.1	73.6	37.1	57.3	20	33
20	7.8	5.9	53.1	77.8	50.7	67.2	38.2	67	35.2	55.4	19.5	32.1
25	8.8	6.3	51.5	71.2	49.1	67.3	36.2	60.9	33.2	53.9	19	31.8
31.25	9.8	7.1	50	71.3	47.5	64.6	34.3	58.5	31.3	51.8	18.5	29
62.5	14	10	45.1	67.6	42.7	59.6	28.3	56.3	25.3	49.9	16	28.4
100	18	12.9	41.8	65	39.3	59	24.2	49.2	21.2	46.7	14	27.9
200	26.1	19.8	36.9	59.3	34.3	53	18.2	48.9	15.2	35.8	11	26.8
250	29.5	21.9	35.3	55.2	32.7	47	16.2	41.4	13.2	30.5	10	25.6
300	32.7	23.8	34	51.4	31.4	45.4	14.6	40.3	11.6	30.2	9.2	24.8
350	35.6	25.9	31.8	49	29.1	44.5	13.3	37.4	10.3	31.1	8.6	24.4
400	38.4	30.8	29.9	48.1	27.1	45.6	12.1	36.3	9.1	27.4	8	22.7
500	43.8	31.2	26.7	47.9	23.8	40.4	10.2	35.2	7.2	26	8	16.5
600	54.4	36.3	23.3	37.9	21.5	38.3	9.1	35.5	6.5	22.2	7.5	16.1
700	59.72	41.2	21.9	32.8	19.8	33.8	8.4	28.9	5.1	18.7	6	13.7
800	64.73	44.6	19.7	27.9	17.6	28.7	7.2	25.4	4.3	15.4	5.5	11.8

** Extrapolated Values



Ordering Information

Description	Length	Product Code
DIGILINK Solid Cable Cat 6A, UTP 4 Pair	305m	DCTCAUTP4P3X
NEW DIGILINK Solid Cable Cat 6A, FTP 4 Pair	305m	DCTCAFTP4P3X
NEW DIGILINK Solid Cable Cat 6A, STP 4 Pair	305m	DCTCASTP4P3X

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