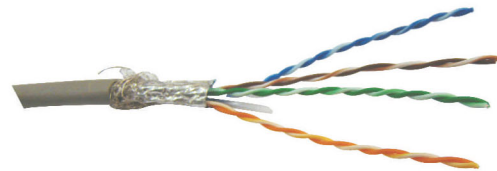
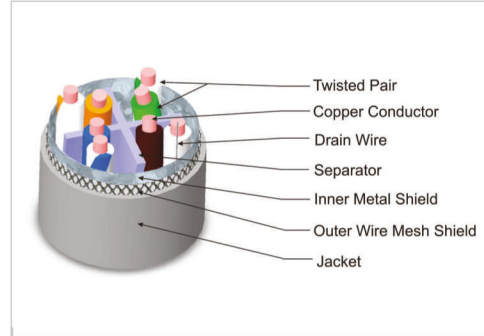


Category 6 SFTP Solid Cable

DIGILINK G600 Cat 6 cable series consists of 4 pair copper solid cable with 100 Ohm impedance. The twisted pair cables are shielded with tinned copper braiding as well as aluminum foil to prevent electro-magnetic interface. Since the shielding is made of braided steel wire, it also serves as a grounding device. Cables meet and exceed category 6/Class E standards requirements in ISO/IEC11801, CENELEC EN50173 and TIA 568-B2-1.



Product Features & Compliances

- Exceptional material properties and cable design
- High ACR values- providing low BER (Bit Error-Rate)
- Exceeds cat 6 performance
- Extremely high pair-balance-providing excellent EMC (Electromagnetic compatibility)
- Minimum radiations and maximum noise immunity.
- Unique Hologram sticker for authenticity.
- ISO/IEC-11801 (2nd edition) Class D
- UL-94V0 rated plastics
- RoHS Compliant
- ETL Verified
- ANSI/TIA/EIA-568-B.2-1 Category 6.
- Performance verified upto 600 MHz

Specifications

Mechanical

Outer Diameter: Nominal diameter 6.0 mm
 4 twisted pair
 Conductor diameter: 0.573mm (AWG)
 Conductor type: 24 AWG bare annealed copper.
 Jacket material: PVC
 Standard Colour: Grey
 Overall shield: tinned copper braiding

Electrical

Characteristic Impedance: $100 \pm 6 \Omega @$
 1-300 MHz
 DC Resistance: 72 Ω /km (max)
 Voltage rating: 72 Vdc max
 Dielectric strength: 1500 V/1 minute min MHz
 Insulation Resistance: 500m Ω km(min)
 @500 Vdc
 Velocity of Propagation (NVP): 67-69%

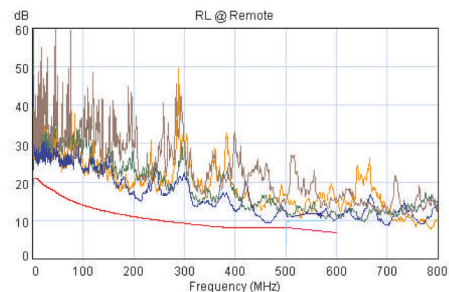
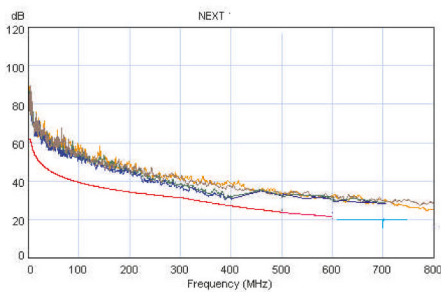
Category 6 SFTP Solid Cable



DIGILINK Category 6 (G600) SFTP 100 Ohm LAN Solid Cable

PERFORMANCE CHARACTERISTICS TIA/EIA-568-B2-1												
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	1.3	65	82.7	62	79.8	64.2	85.1	61.2	76.2	19.1	26.2
4	3.5	2.7	64.5	80	61.8	76.1	52.1	79.2	49.1	65.8	21	31.1
8	5	3.8	59.4	75.3	57	73.2	46.1	68.8	43.1	60.7	21	30.9
10	5.5	4.3	57.8	71.4	55.5	69.3	44.2	68.5	41.2	55.8	21	29
16	7	5.5	54.6	67.1	52.2	65.6	40.1	66.5	37.1	52.5	20	31.8
20	7.8	6.1	53.1	66.9	50.7	65.1	38.2	61.2	35.2	50.9	19.5	32.4
25	8.8	6.9	51.5	64.3	49.1	61.9	36.2	56.5	33.2	49.2	19	29
31.25	9.8	7.7	50	62.5	47.5	59.9	34.3	54.8	31.3	51.7	18.5	28.5
62.5	14	11.1	45.1	60.8	42.7	56.5	28.3	48.1	25.3	47	16	26.9
100	18	14	41.8	58.7	39.3	51.3	24.2	41.2	21.2	40.8	14	23.1
200	26.1	20.4	36.9	50.8	34.3	48.8	18.2	39	15.2	34.8	11	21.9
250	29.5	22.8	35.3	47.4	32.7	41.7	16.2	36.1	13.2	31.8	10	19.4
300	32.7	26.1	34	43.9	31.4	38.5	14.6	32.3	11.6	28.6	9.2	17
350	35.6	27.7	31.8	40.7	29.1	35.3	13.3	31	10.3	26.5	8.6	16.1
400	38.4	29.4	29.9	37.2	27.1	34.8	12.1	28.7	9.1	22.9	8	15.1
500	43.8	33.5	26.7	34.5	23.8	25.6	10.2	23.1	7.2	18.7	8	12.4
600	54.4	39	23.3	34.8	21.5	22.3	9.1	20.7	6.5	14.4	7.5	10.7

** Extrapolated Values



Ordering Information

Description	Length	Product Code
DIGILINK Solid Cable Cat 6, SFTP 4 Pair	305m	DC6CASTP4P3X

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