

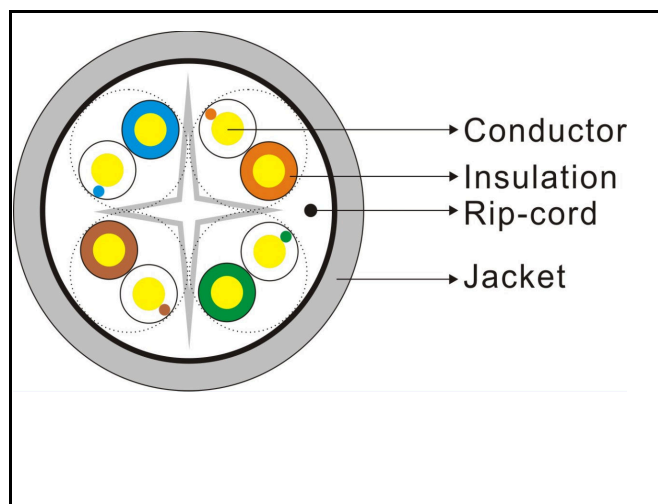
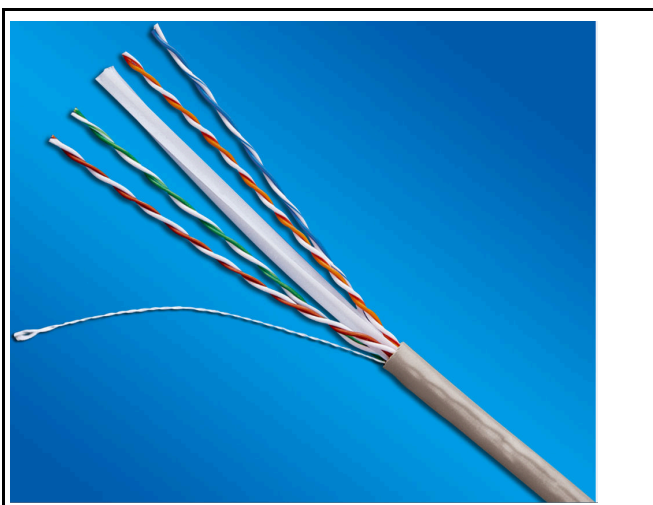
CATEGORY 6 TWISTED CABLE(12261G305)

General Features(For reference)

- Available in 8 circuits (4 twisted pairs)
- Standard wires colours: Blue/Blue-white, Orange/Orange-white, Green/Green-white and Brown/Brown-white
- Available without shielding(UTP)
- Solid wire (AWG 23/1 0.57CCA)
- HDPE insulator
- PVC jacket
- Frequency: Maximun 250MHz
- Operating temperature: -20°C to +75°C

Electrical Features(For reference)

- DC-Loop resistance: $\leq 0.0658\Omega/m$
- Propagation speed: 0.64
- Propagation delay: 4.80-5.30 ns/m
- Delay skew < 100MHz < 0.20 ns/m
- Capacitance: f.f.s
- Return Loss(Min.at 250MHz): 15.60 dB
- Attenuation:(Min.at 250MHz): 39.40 dB
- Meet EIA/TIA 568 B.2, EN 50173-1, ISO/IEC 11801



TRANSMISSION SPECIFICATIONS FOR REFERENCE

Frequency (MHz)	Attenuation(Max) (dB/100m)	NEXT(Min) (dB/100m)	PSNEXT (Min) (dB/100m)	ELFEXT (Min) (dB/100m)	PS ELFEXT(db)	RL(Min) (dB)	Phase delay(Max) (ns/100m)	Delay(ns)
1	1.9	74	72	68	61	20	570	50
4	3.7	65	63	56	49	23	552	50
10	5.9	59	57	48	41	25	545	50
16	7.5	56	54	44	36.9	25	543	50
20	8.4	55	53	42	35	25	542	50
31.25	10.6	52	50	38	31.1	23.6	540	50
62.5	15.4	47	45	32	25.1	21.5	539	50
100	19.8	44	42	28	21	20.1	538	50
200	29	40	38	22	15	18	537	50
250	32.8	38	36	20	14.2	17.3	536	50