

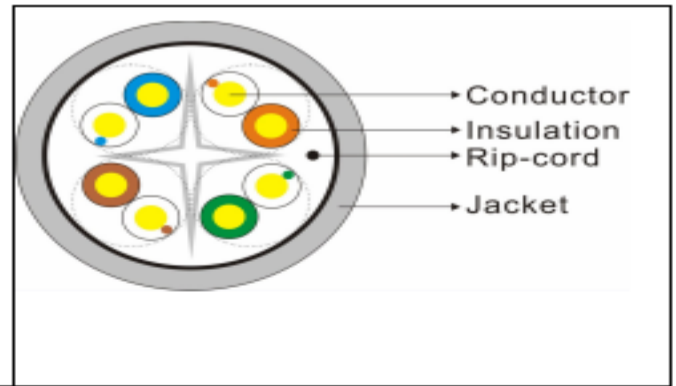
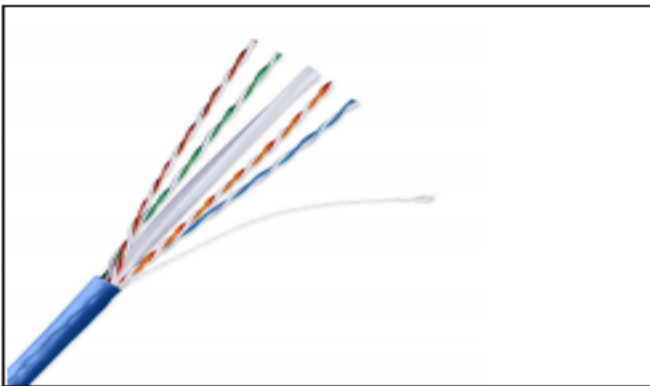
CATEGORY 6 TWISTED CABLE(12263L305)

General Features

- 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, 0.57mm full copper)
- HDPE insulator
- PVC jacket
- Frequency: Maximum 250MHz
- Operating temperature: -20°C to +75°C

Electrical Features

- 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

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