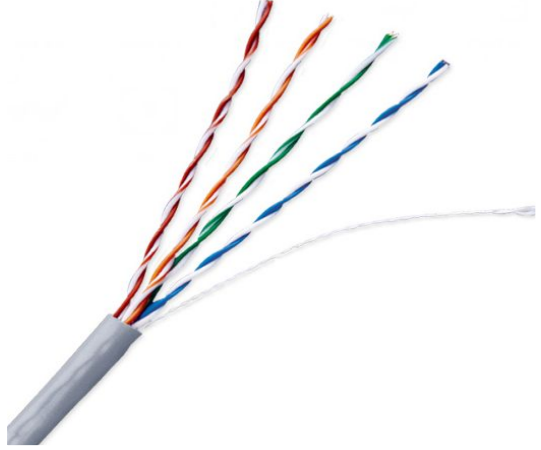
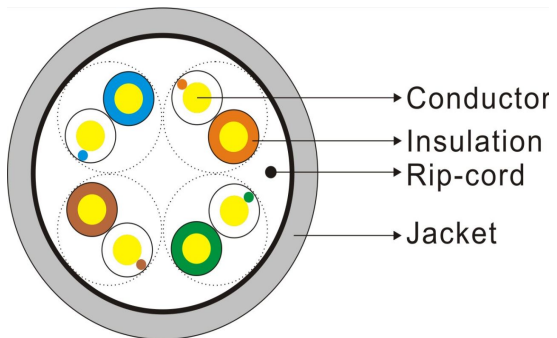


CATEGORY 5E TWISTED CABLE

Name	LAN CABLE
STYLE	CAT 5E UTP
MODEL	24AWGX4P
STANDARD	(REF)ISO/IEC 11801

Pair	Insulation Color and Arrangement
1P	Blue X White/Blue line
2P	Orange X White/Orange line
3P	Green X White/Green line
4P	Brown X White/Brown line

Construction		
Conductor	Material	CCA
	Cores	8 Cores
	Pairs	4 Pairs
	Diameter	$\Phi 0.5 \pm 0.005 \text{mm}$
Insulation	Material	HDPE
	Thickness	0.21mm
	Diameter	$\Phi 0.93 \pm 0.05 \text{mm}$
	Color	/
Rip Cord	Cores	1 Core
Jacket	Thickness	0.55mm
	O.D.	$\Phi 5.3 \pm 0.2 \text{mm}$
	Color	Grey / Black / Blue

TRANSMISSION SPECIFICATIONS							
Frequency (MHz)	Attenuation(Max) (dB/100m)	NEXT(Min) (dB/100m)	PSNEXT (Min) (dB/100m)	PS ELFEXT (db)	RL(Min) (dB)	Phase delay(Max) (ns/100m)	Delay (ns)
1	2	65	62	61	20	570	50
4	4.1	56	53	49	23	552	50
10	6.5	50	47	41	25	545	50
16	8.2	47	44	36.9	25	543	50
20	9.3	46	43	35	25	542	50
31.25	11.7	43	40	31.1	24	540	50
62.5	17	38	35	25.1	22	539	50
100	22	35	32	21	20	538	50