
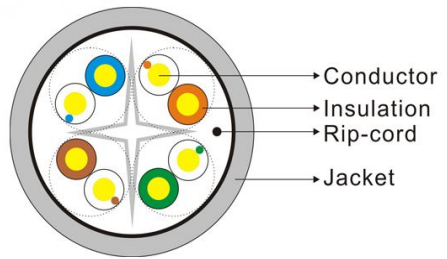


CATEGORY 6 TWISTED CABLE

Name	LAN CABLE
STYLE	CAT 6 UTP
MODEL	23AWGX4P
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	Copper
	Cores	8 Cores
	Pairs	4 Pairs
	Diameter	$\Phi 0.57 \pm 0.0057 \text{mm}$
Insulation	Material	HDPE
	Thickness	0.21mm
	Diameter	$0.98 \pm 0.02 \text{mm}$
	Color	/
PE Cross	Cores	1 pc
Jacket	Thickness	0.60mm
	O.D.	$\Phi 6.1 \pm 0.2 \text{mm}$
	Color	Grey / Black / Blue

TRANSMISSION SPECIFICATIONS

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