

Datasheet

Patchkabel U/UTP Cat5e certified, 100% copper



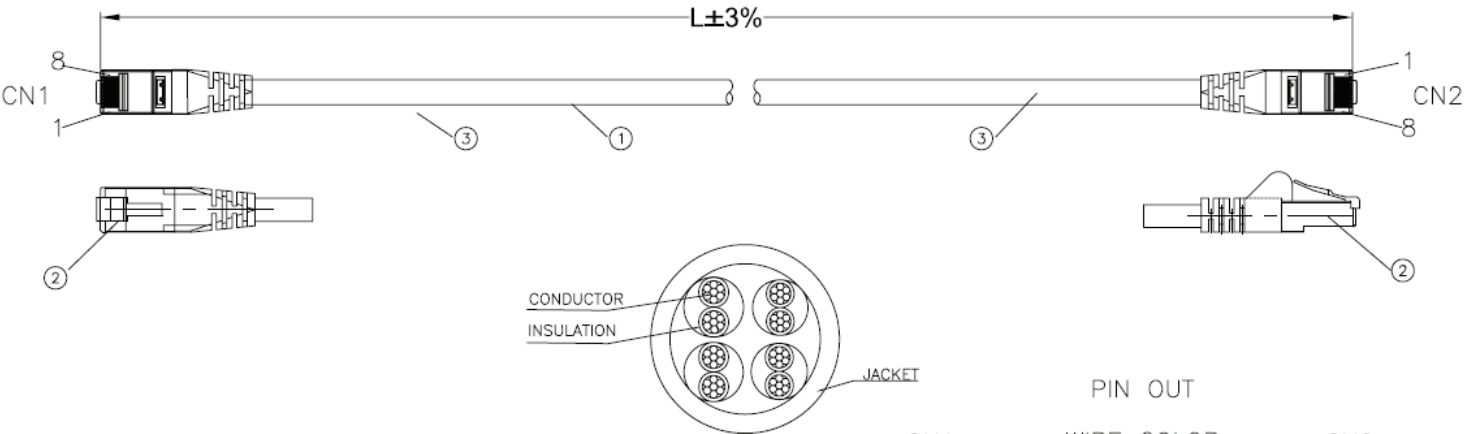
Length	Grey	Black	Red	Yellow	Green	Blue
0,25M	24892	24895	25102	24904	24908	24910
0,50M	11788	19067	12882	21565	12880	12881
1,00M	11789	16823	12747	16950	12746	12883
1,50M	14632	16701	12886	15574	12884	12885
2,00M	14628	15579	12749	15981	12748	12887
3,00M	13747	15570	12890	15575	12888	12889
5,00M	13748	15572	12893	15576	12891	12892
7,50M	24893	24896	24900	25101	13751	14692
10,0M	11453	15573	24901	20036	13752	24067
15,0M	13750	24897	24902	24905	13753	24911
20,0M	11454	24898	24903	24906	24909	24912
30,0M	11455	24899	21270	24907	21271	21272
50,0M	24894					

Basic Product Data

Outer Shielding	None
Inner Shielding	None
Connector	RJ45 8P8C PLUG
CMP/CMR	CM
Mutual Capacitance	560pF/100m Max
Characteristic Impedance	100±15Ω
Conductor DC Resistance (Ω/100m)	MAX 9.91Ω/100m at 20°C
Voltage (vAC/vDC)	300V
Delay Skew	50ns/100m max. 1~100MHz
Propagation Delay	555ns/100m max
Nominal Velocity of Propagation	69,0%
Operating Temperature (° C)	-20° C ~60° C
Storage Temperature (° C)	-20° C ~60° C
Bend Radius	4D min
Conductor Materials	BARE COPPER
Insulation Materials	HD-PE
Jacket Materials	PVC
UL Listed	Yes

Performance Characteristics

Frequency (MHz)	Insertion Loss (dB/100m)	NEXT (dB)		PSNEXT (dB)		ELFEXT (dB)		PSELFEXT (dB)		Return Loss (dB)		ACR (dB)		PS ACR (dB)	
	Maximum	Minimum / Typical		Minimum / Typical		Minimum / Typical		Minimum / Typical		Minimum / Typical		Minimum / Typical		Minimum / Typical	
1	3	60		57		57,4		54,4		17		57		54	
4	4,5	53,5		50,5		45,4		42,4		17		49,1		46,1	
8	6,3	48,6		45,6		39,3		36,3		17		42,3		39,3	
10	7,1	47		44		37,4		34,4		17		39,9		36,9	
16	9,1	43,6		40,6		33,3		30,3		17		34,5		31,5	
20	10,2	42		39		31,4		28,4		17		31,8		28,8	
25	11,4	40,3		37,3		29,4		26,4		16		28,9		25,9	
31,25	12,9	38,7		35,7		27,5		24,5		15,1		25,9		22,9	
62,5	18,6	33,6		30,6		21,5		18,5		12,4		15		12	
100	24	30,1		27,1		17,4		14,4		10		6,1		3,1	



MATERIAL LIST:

NO.	PARTS NAME	SPECIFICATION DESCRIPTION
①	CABLE	UTP [26AWG 7*0.145±0.015mm(Bare Copper)*4+PVC OD:4.8±0.3mm COLOR:Any color
②	RJ45 CONNECTOR	RJ45,8P8C,TWO FORK GOLD PLATED CONTACTS
③	MOLDING	MOLDING PVC

