

Datasheet

Patchkabel S/FTP

Cat6A certified, 100% copper, LSZH

100% Copper

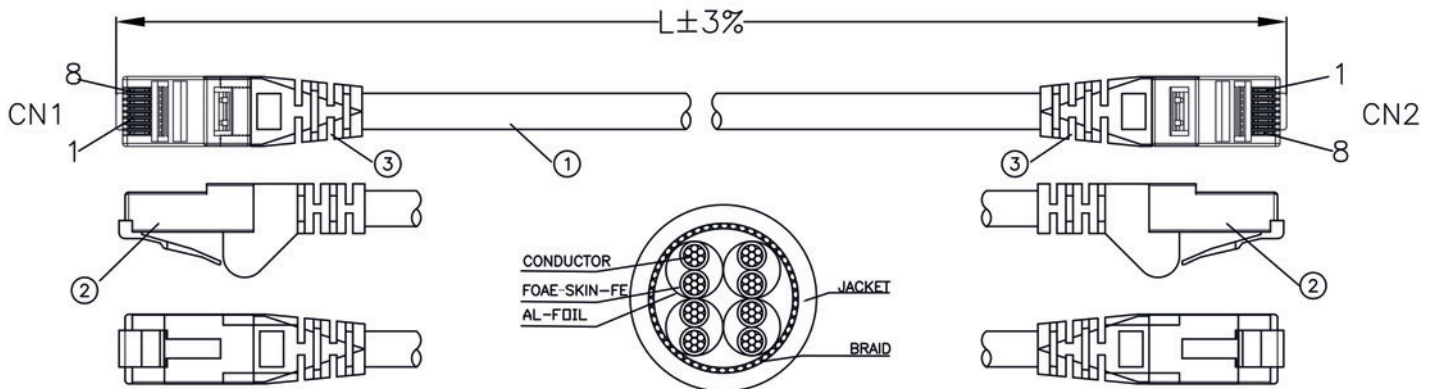


Length	Grey	Black	Red	Yellow	Green	Blue
0,25M	24944	24948	24951	24963	24975	24987
0,50M	24945	20768	24952	24964	24976	20745
1,00M	24946	20769	24953	24965	24977	20746
1,50M	23660	24949	24954	24966	24978	24988
2,00M	22698	18456	24955	24967	24979	20747
3,00M	22699	20770	24956	24968	24980	20748
5,00M	22700	18528	24957	24969	24981	20749
7,50M	15817	18531	24958	24970	24982	24989
10,0M	13386	18339	24959	24971	24983	20750
15,0M	13387	18529	24960	24972	24984	24990
20,0M	24947	24950	24961	24973	24985	24991
30,0M	15818	18457	24962	24974	24986	24992

Basic Product Data

Outer Shielding	ALMG.Braiding
Inner Shielding	Foil
Connector	RJ45 8P8C PLUG
CMP/CMR	CM
Mutual Capacitance	560pF/100m Max
Characteristic Impedance	100±15Ω
Conductor DC Resistance (Ω/100m)	MAX 8.99Ω/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	LSZH

Performance Characteristics								
Frequency (MHz)	Insertion Loss (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	Return Loss (dB)	ACR-N (dB)	PS ACR-N (dB)
		Minimum / Typical	Minimum / Typical	Minimum / Typical	Minimum / Typical	Minimum / Typical	Minimum / Typical	Minimum / Typical
1	3	65	62	63,3	60,3	19	62	59
4	4,2	63	60,5	51,2	48,2	19	58,9	56,4
8	5,8	58,2	55,6	45,2	42,2	19	52,4	49,8
10	6,5	56,6	54	43,3	40,3	19	50,1	47,5
16	8,2	53,2	50,6	39,2	36,2	18	45	42,4
20	9,2	51,6	49	37,2	34,2	17,5	42,5	39,8
25	10,2	50	47,3	35,3	32,3	17	39,8	37,1
31,25	11,5	48,4	45,7	33,4	30,4	16,5	36,9	34,2
62,5	16,4	43,4	40,6	27,3	24,3	14	27	24,2
100	20,9	39,9	37,1	23,3	20,3	12	19	16,2
200	30,1	34,8	31,9	17,2	14,2	9	4,7	1,8
250	33,9	33,1	30,2	15,3	12,3	8	-0,8	-3,7
350	40,6	30,3	27,3	12,4	9,4	6,6	-10,3	-13,3
500	49,3	28,1	23,2	9,3	8,3	6	-23,2	-28,1



MATERIAL LIST:

NO.	PARTS NAME	SPECIFICATION DESCRIPTION
①	CABLE	SSTP (28AWG*1PR+A)*4+B+LSOH OD:5.6±0.2mm COLOR:RED
②	RJ45 CONNECTOR	RJ45,8P8C,TWO FORK GOLD PLATED CONTACTS WITH METAL HOUSING
③	MOLDING PVC	MOLDING PVC 45P COLOR:RED

