

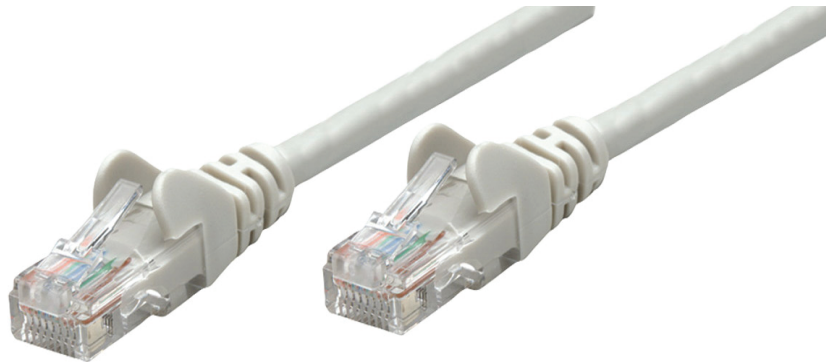
Datasheet

Patchkabel F/UTP Cat5e certified, 100% copper

100% Copper



Length	Grey
0,25M	24913
0,50M	24914
1,00M	16781
1,50M	16869
2,00M	16782
3,00M	16783
5,00M	16784
7,50M	16785
10,0M	18786
15,0M	24915
20,0M	24916
50,0M	24917

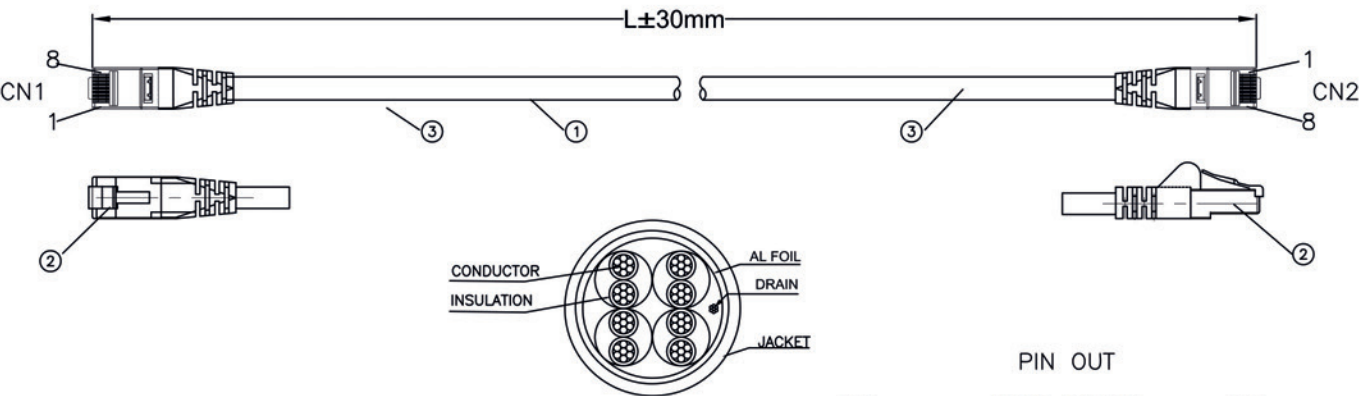


Basic Product Data

Outer Shielding	Foil
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	FTP [26AWG 7*0.155±0.015mm(Bare Copper)*1PR]*4+Al-foil +drain wire,PVC OD:5.2±0.3mm COLOR:Any color
②	RJ45 CONNECTOR	RJ45,8P8C,3u,TWO FORK GOLD PLATED CONTACTS METAL HOUSING
③	MOLDING	MOLDING PVC

