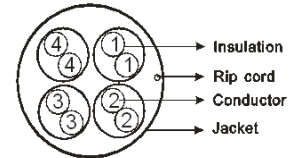
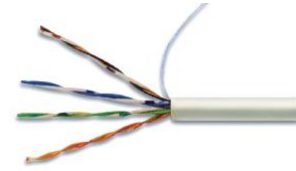


Infini[™]tē 5e

Category 5e 4-Pair UTP Cable

Product Features:

- Tested by UL in accordance with Cat 5e standards:
ANSI/TIA/EIA 568 and ISO/IEC 11801
- UL reference standards: UL1581, UL444 & UL1666
- LSZH sheath complies with
 - Flammability ASTM D-2863, BS EN ISO 4589-3
 - Flame propagation IEC 60332-1 & 3C
 - Gas Emission IEC 60754-1 & 2
 - Smoke Emission IEC 61034-2



Characteristics:

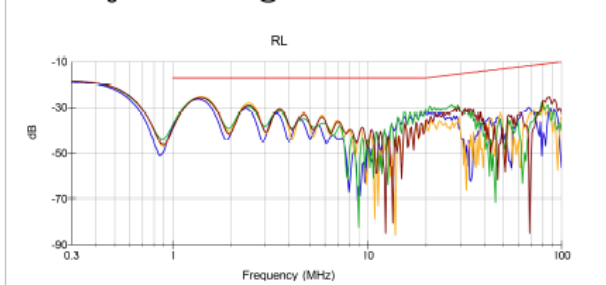
Electrical	
Impedance	100 ± 15Ω
Conductor Resistance	≤9.5Ω/100m
Mutual capacitance	≤5.6nF/100m
Voltage endurance	DC 1000V/min
Resistance Unbalance	≤5.0%

Construction	
Diameter	5.1 ± 0.5 mm
Conductor material	24 AWG solid copper
Insulation material	HDPE
Sheath material	CM / CMR / LSZH
Operation temperature	0 to 60 degree
Humidity	Up to 95%

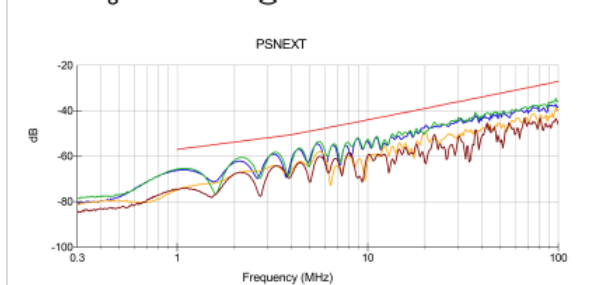


Cat 5e Performance Test

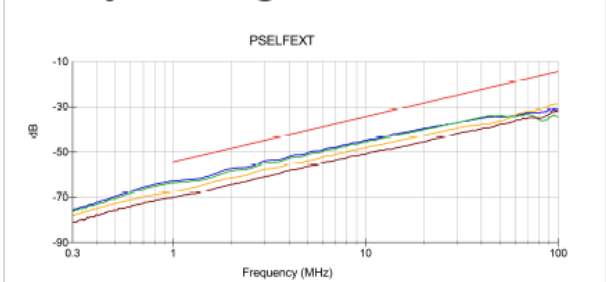
Limit Margin : 8.300 dB @ 1.378 MHz



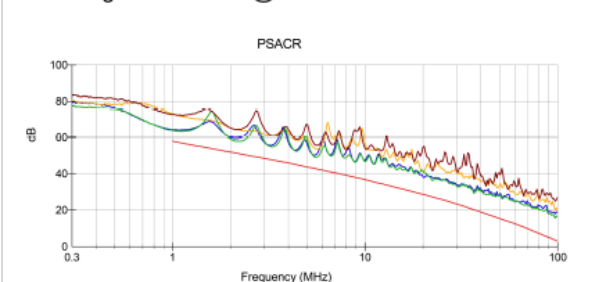
Limit Margin : 5.200 dB @ 5.557 MHz



Limit Margin : 8.500 dB @ 1.001 MHz



Limit Margin : 5.900 dB @ 1.001 MHz



Performance:

Frequency	RL dB	Attenuation dB/100m	NEXT dB	PSNEXT dB	ELFEXT dB	PSELFEXT dB
1 MHz	20.0	2.0	65.3	62.3	63.8	60.8
4 MHz	23.0	4.1	56.3	53.3	51.7	48.7
10 MHz	25.0	6.5	50.3	47.3	43.8	40.8
16 MHz	25.0	8.2	47.3	44.2	39.7	36.7
20 MHz	25.0	9.2	45.8	42.8	37.8	34.8
31.25 MHz	23.6	11.7	42.9	39.9	33.9	30.9
62.5 MHz	21.5	17.0	38.4	35.4	27.8	24.9
100 MHz	20.1	22.0	35.3	32.3	23.8	20.8

Ordering Information:

Order no.	Description
IN5E-101-XX	Cat 5e 4-Pair CM rated UTP Cable, 305m/box
IN5E-102-XX	Cat 5e 4-Pair CMR rated UTP Cable, 305m/box
IN5E-103-XX	Cat 5e 4-Pair LSZH UTP Cable, 305m/box
XX=Color Code	(WH = White, GR = Grey, PU = Purple, etc.)



*These figures are nominal values.
*Infinite Cable System reserves the right to modify products and specifications without prior notice.

