



## Standards

- ISO/IEC11801 2nd Edition CLASS E
- ANSI/TIA 568-C.2 Cabling Standard
- CENELEC EN 50173-1, CENELEC
- EN 50288-5-1, IEC 64456-5 for Horizontal Cable

## Applications

- For Outdoor or Aerial Applications
- VOICE; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG- AnyLAN(IEEE802.12)
- 100BASE-T Ethernet (IEEE802.3)
- 155/622Mbps 1.2/2.4Gbps ATM
- 1000Mbps Gigabit Ethernet
- Power Over Ethernet (POE)

## Physical Range

Before Aging-Jacket Unaged Elongation: Min 350%  
 Min. Bending Radius-25mm  
 Max. Pilling Tension-25lb



## Performance Statics

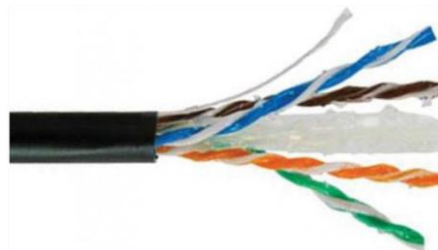
Frequency (MHz)	Insertion Loss (dB/100m)	NEXT (dB)	Return Loss (dB)
1	2.0	74.3	20.0
4	3.8	65.3	23.0
10	6.0	59.3	25.0
16	7.6	56.2	25.0
20	8.5	54.8	25.0
31.26	10.7	51.9	23.6
62.5	15.4	47.4	21.5
100	19.8	44.3	32.3
150	24.9	41.4	30.8
200	29.0	39.9	18.0
250	32.8	38.3	17.3

## Jacket

Material-PE  
 Thikness-0.6mm  
 Diameter-6.6±0.2mm  
 Color-Black  
 Protection-Gell Filled

## Electrical

Conductor Resistance-Max.9.38Ω/100m at 20°C  
 DC Resistance Unbalance-Max.5% at 20°C  
 Di electric Strength of Insulation- Dc 500v/1min. Or Ac 350v/1min.  
 Insulation Resistance Test- 1500mΩKm Dc 500v (Between Ground & Wire) at 20°C  
 Impedance 1~100mhz - 100Ω±15%(1~250mhz)  
 Impedance 100~250mhz - 100Ω±15%(1~250mhz)



Part No	Description
108-66003	Cat. 6 UTP Outdoor Cable PE Jacket With Jelly Filled-Black 305m