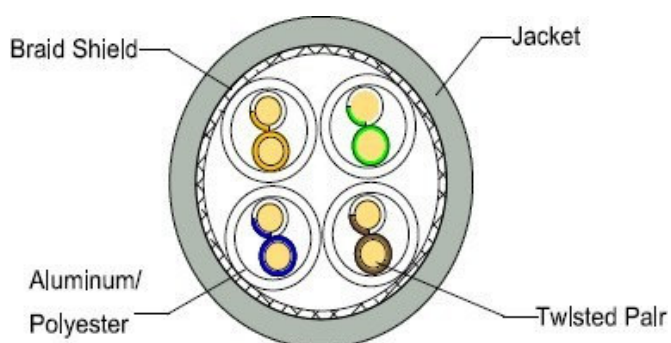




UKUTP ECO 4 Pares CAT.8 Unifilar Naranja

1000106165000

AT 8 S/FTP 23AWG 4PAIR LSZH



Standards

- ANSI/TIA-568-C.2 IEC 61156-5
- EN 50288-4-1
- EN 50173
- ISO/IEC 11801
- EN 50575

Applications

- 10BASE-T (IEEE 802.3)
- 4/16 Mbps TOKEN RING (IEEE 802.5)
- 100BASE-VG-AnyLAN
- 100 Mbps TP-PMD (ANSI X3T9.5)
- 100BASE-T (IEEE 802.3)
- 55/155 Mbps ATM
- 1000BASE-T (Gigabit Ethernet)
- 1.2 Gbps ATM
- 10G BASE-T)



Cable Parameters

Conductor Material		99.99% Solid Bare Copper
Conductor Number		8C(4 pairs)
Cable AWG		23
Construction($\pm 0.01\text{mm}$)		1/0.585
Drain Wire (1/0.40)		Solid Tinned copper
Shield Overlap		aluminum/polyester $\geq 25\%$
Braid Shield 16/6/0.12 Coverage		Aluminum Magnesium Alloy wire $\geq 40\%$
Insulation	Material	SKIN-FOAM- SKIN
	Nom. Thickness(mm)	0.37
	Diameter($\pm 0.08\text{mm}$)	1.38
Jacket	Material	LSZH
	Nom. Thickness(mm)	0.50
	Diameter($\pm 0.30\text{mm}$)	7.50

Electrical Performance

Max. Conductor DC Resistance (Ω/km)		93
Min. Insulation Resistance ($\Omega\text{M-KM}$)		500
Dielectric Strength		DC-1KV/1 Min
1.0-250MHZ Characteristic Impedance(ohms)		$100\Omega \pm 15\Omega$
1.0-250MHZ Delay Skew(ns/100m)		≤ 45
Pair to Ground Capacitance Unbalance(Pf/100m)		≤ 330
Resistance Unbalance(%)		≤ 4
Max Mutual Capacitance		5.6nF/10
Max DC Loop Resistance		$19.2\Omega/100\text{m}$
Before Aging	Tensile Strength(Mpa)	≥ 13.5
	Elongation(%)	≥ 100
After Aging 100°C*24h*7d	Tensile Strength(Mpa)	≥ 75
	Elongation(%)	≥ 50
Velocity of Propagation NVP		78%



