



Waterproof
FastCat.6+

23AWG KUWES
Category 6+

600MHz U/UTP Jelly Filled Solid Cable



UV
PE Outdoor



23AWG

Standard-High Density pair twisted

Product Feature

- High performance of transmission.
- High quality of safety property.
- Sweep frequency up to 600 MHz.
- Jelly Filled For Waterproof.
- PE/UV Outdoor Jacket 305M(1000Ft) Reel Package.

Product Description

- U/UTP, 23AWG solid bare copper, CAT.6 1/0.55mm OFC (pure copper, 99.998%).
- With cross filler + Jelly Filled.

Reference Electrical Characteristics

Frequency (MHz)	IL Max.	NEXT Min.	PS.NEXT Min.	ACR Min.	PS.ACR Min.	ACRF Min.	PS.ACRF Min.	RL Min.	Propagation Delay Max.	Delay Skew Max.
	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	ns/100m	ns/100m
100	19.80	44.30	42.30	24.5	22.5	27.80	24.80	20.11	537.60	45.00
250	32.85	38.33	36.33	5.48	3.48	19.84	16.84	17.32	536.28	45.00
400	42.97	35.27	33.27	N.A.	N.A.	15.76	12.76	15.89	535.80	45.00
600	54.49	38.63	36.63	N.A.	N.A.	18.24	15.24	14.66	535.47	45.00

Physical & Electrical Characteristics (at 20°C)

- Temperature : 75°C
- Spark test : 2.5KV DC
- Cable cold bend : -20°C for 4hr
- Capacitance unbalance pair-to-ground : $\leq 330\text{pF}/100\text{m}$
- AC leakage current through overall jacket : $\leq 10\text{mA}(1.5\text{KV AC})$
- Resistance unbalance : $\leq 5\%$
- Mutual capacitance : $\leq 5.6\text{nF}/100\text{m}$
- Dielectric strength : 1.5KV AC for 2s
- Insulation resistance : $\geq 5000\text{M}\Omega \times \text{km}$
- Conductor DC resistance : $\leq 9.38\Omega/100\text{m}$

Application

- Structure cabling for horizontal and building backbone cable, Outdoor, Waterproof Design.
- Transmission of digital and analogue for data, video and audio applications.
- 10 / 100 / 1G Base-T IEEE 802.3 i / u / ab.
- CDDI / FDDI / ATM / Token Ring.
- IEEE 802.3af (PoE) / IEEE 802.3at (PoE+).
- Limit Power - LP UL PoE safety standard.
- HDBaseT 2.0 standard.
- EtherCAT Industrial standard.



PURE
Cu
(OFC 99.998%)

Top Sale In Mid-East / Africa Area

Made In Taiwan By KUWES