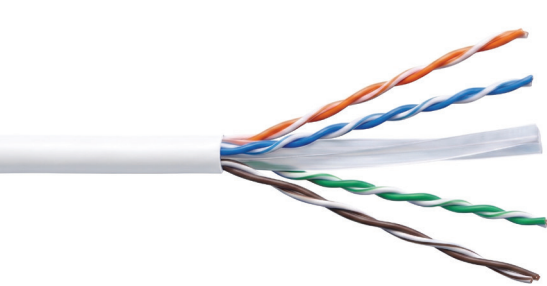


Data/LAN Cables

Cat6 U/UTP Indoor LSZH Horizontal LAN Cable



APPLICATIONS

- 1000BASE-T (Gigabit Ethernet)
- (*) 2.5GBASE-T & 5GBASE-T
- (**) 10GBASE-T
- IEEE Std 802.3 Type 1 PoE
- IEEE Std 802.3 Type 2 PoE
- IEEE Std 802.3bt Type 3 PoE
- IEEE Std 802.3bt Type 4 PoE

CONFORMANCE

- ANSI/TIA-568.2-E
- ISO/IEC-11801
- IEC 61156-5
- IEC 60332-1 (Flame propagation)
- IEC 60754 (Acid gas)
- IEC 61034 (Smoke density)
- EU Directive CE 2011/65/EU (RoHS-2)

VERIFICATION

- ETL Permanent Link Verified
(90 meter, 2 Connector Model, tested to ANSI/TIA-568.2-E CAT 6 Permanent Link Limits)
- ETL Channel Verified
(100 meter, 2 Connector Model tested to ANSI/TIA-568.2-E CAT 6 Channel Limits)

(*) Installed category 6 cabling qualified in accordance with TIA TSB-5021 can support 2.5GBASE-T and 5GBASE-T.

(**) Installed category 6 cabling qualified in accordance with TIA TSB-155 can support 10GBASE-T for maximum distances between 37 m (121 ft) and 55 m (180 ft) depending on the alien crosstalk environment.

PROPERTIES

Cable Type	Category 6 U/UTP Indoor, 250MHz
Conductor	Solid bare annealed copper
Insulation	Polyolefin
Total number of insulated conductors	8, twisted in 4 pairs
Color code - longitudinal stripes	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Center element	Star-Shaped Spacer
Outer Jacket	Halogen-free Flame-retardant LS0H compound for indoor use
Jacket Color	White RAL 9003 (Default Option)
Outer jacket thickness	0.55 mm nom.
Cable Diameter	5.5±0.2 mm
NVP	69% nom.
Bend Radius	Permanent: 4xD min. During installation: 8xD min.
Cold Bend Radius	Mandrel: 4xD. Temp: -20C
Operating temperature range	-20 to +60C
Storage temperature range	-40 to +60C
Installation temperature range	0 to +50C
Pulling force	70 N max.
Total Weight	31 kg/km nom.

ORDERING INFORMATION

WW P/N	Description
WA5AA	Cat6 U/UTP LSZH Indoor LAN Cable, White RAL 9003, 500m/drum
WA5AB	Cat6 U/UTP LSZH Indoor LAN Cable, White RAL 9003, 305m/drum