

# SPECIFICATION DOCUMENT



## Cat6a Booted Unshielded (UTP) Network Patch Cables (LSZH)

- Meets all Cat6a ANSI/TIA-568-C.2 standards
- Floating shield to protect from EMI/RFI interference
- Low Smoke Zero Halogen Jacket Classification
- Constructed from high quality stranded copper cable
- Moulded, snagless boot prevents unwanted cable snags during installation
- Available in various colours
- Lifetime Warranty

\*The specifications apply only to the raw cable used to construct the cable assemblies

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### Cable Specifications:

#### ELECTRICAL CHARACTERISTICS:

Conductor DC Resistance:	9.38Ω/100m (maximum)
Impedance:	100Ω
Capacitance:	5600pf/100m
Propagation Delay:	545ns/100m (maximum)
Delay Skew:	45ns/100m (maximum)

#### PHYSICAL CHARACTERISTICS:

Wiring Scheme:	T568B
Temperature Rating:	75°C
Voltage Rating:	30V
Approvals:	CE, ROHS Compliant
Warranty:	Lifetime
Package Type:	Polybag

#### CONDUCTOR (4 PAIR):

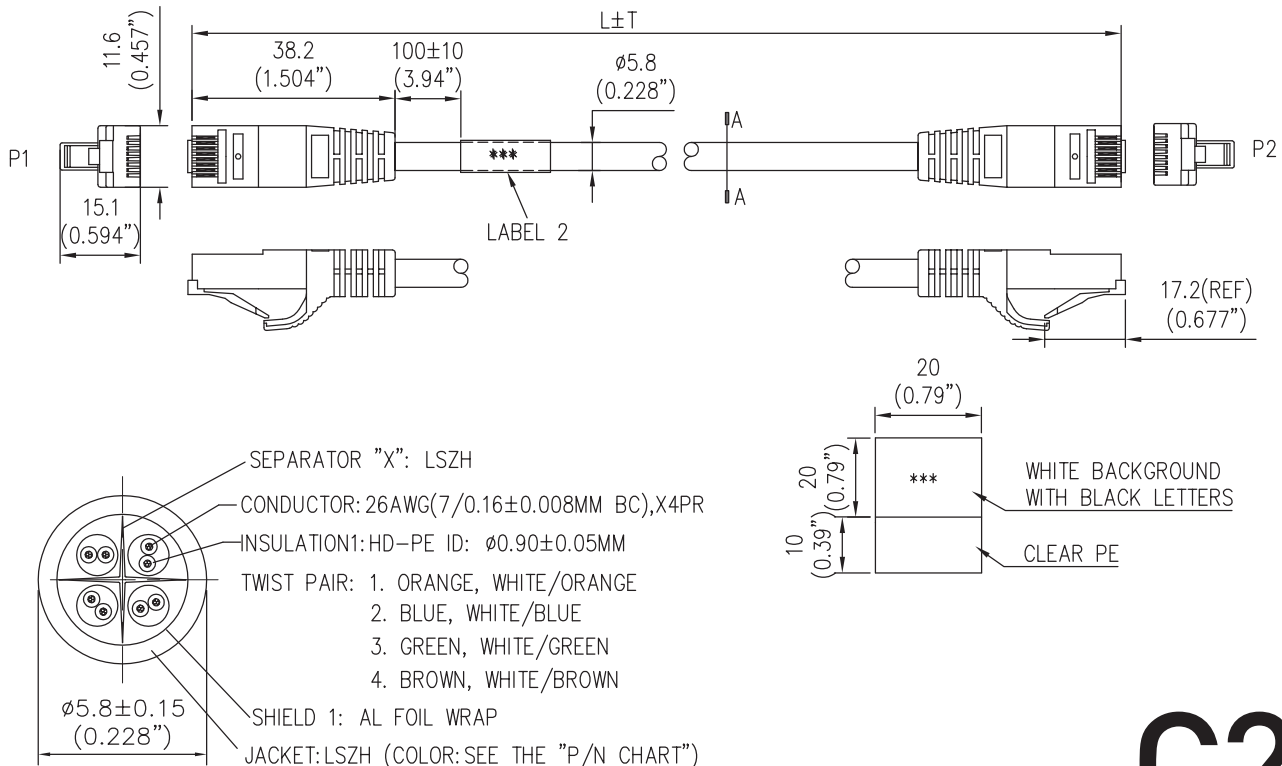
Conductor:	26AWG (7/0.16 BC)
Insulation:	FM-PE ID: $\phi 1.02 \pm 0.05$
Twist Pair:	Orange & White/Orange; Blue, White/Blue, Green, White/Green

#### CONNECTOR TYPE (QUANTITY 2):

Connector Type:	8P8C (RJ45)
Gender:	Male
Contacts:	Gold Plated 50μ with Metal Shell
Hood:	Molded PVC, UL94V-0

#### OVERALL CABLE:

Jacket:	LSZH
Shield:	AL Foil Wrap
OD:	$5.8 \pm 0.15$ mm



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Length (m)	Black	Blue	Green	Grey	Red	Yellow	White
0.5	82495	82501	82507	82531	82513	82519	82525
1	82496	82502	82508	82532	82514	82520	82526
1.5	82497	82503	82509	82533	82515	82521	82527
2	82498	82504	82510	82534	82516	82522	82528
3	82499	82505	82511	82535	82517	82523	82529
5	82500	82506	82512	82536	82518	82524	82530

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