

# SPECIFICATION DOCUMENT



## Cat6 Booted Unshielded (UTP) Network Patch Cables (LSZH)

- Meets all Cat6 TIA/EIA standards
- Constructed from high quality stranded copper cable
- Moulded, snagless boot prevents unwanted cable snags during installation
- Available in various colours
- Low Smoke Zero Halogen Jacket Classification
- Lifetime Warranty

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

# SPECIFICATION DOCUMENT

## SPECIFICATIONS:

### Cat6 Booted Unshielded (UTP) Network Patch Cables (LSZH)

#### 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):

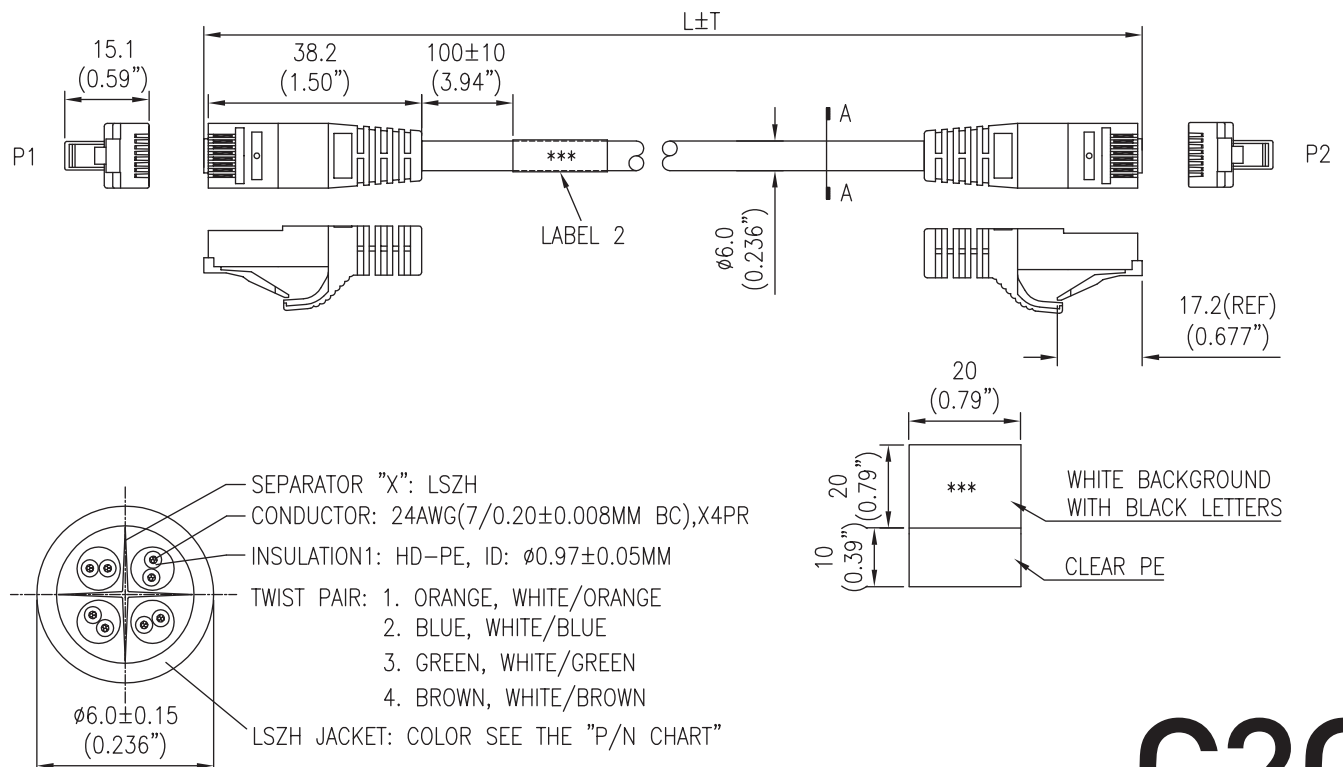
Conductor:	24AWG (7/0.20) Stranded Bare Copper
Insulation:	H-D PE
Diameter:	0.98±0.05mm
Twist Pair:	Blue & White/Blue, Orange & White/Orange; Green & White/Green; Brown & White/Brown

##### CONNECTOR TYPE (QUANTITY 2):

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

##### OVERALL CABLE:

Jacket:	LSZH
Shield:	AL Foil Wrap
OD:	6.0±0.15mm



# SPECIFICATION DOCUMENT

## SPECIFICATIONS: Cat6 Booted Unshielded (UTP) Network Patch Cables (LSZH)

Length (m)	Black	Blue	Green	Grey	Red	Yellow	White
0.5	82453	82459	82465	82489	82471	82477	82483
1	82454	82460	82466	82490	82472	82478	82484
1.5	82455	82461	82467	82491	82473	82479	82485
2	82456	82462	82468	82492	82474	82480	82486
3	82457	82463	82469	82493	82475	82481	82487
5	82458	82464	82470	82494	82476	82482	82488

**C2G**<sup>®</sup>  
A brand of  **legrand**

Great King Street North  
Birmingham | West Midlands B19 2LF  
UK Phone: (0)800 328 2916  
EMEA Phone: +44 (0) 1952 677300  
[www.c2g.com](http://www.c2g.com)

Follow Us

