

# SPECIFICATION DOCUMENT



## Cat5e Booted Unshielded (UTP) Network Patch Cables

- Meets all Cat5e 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

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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):

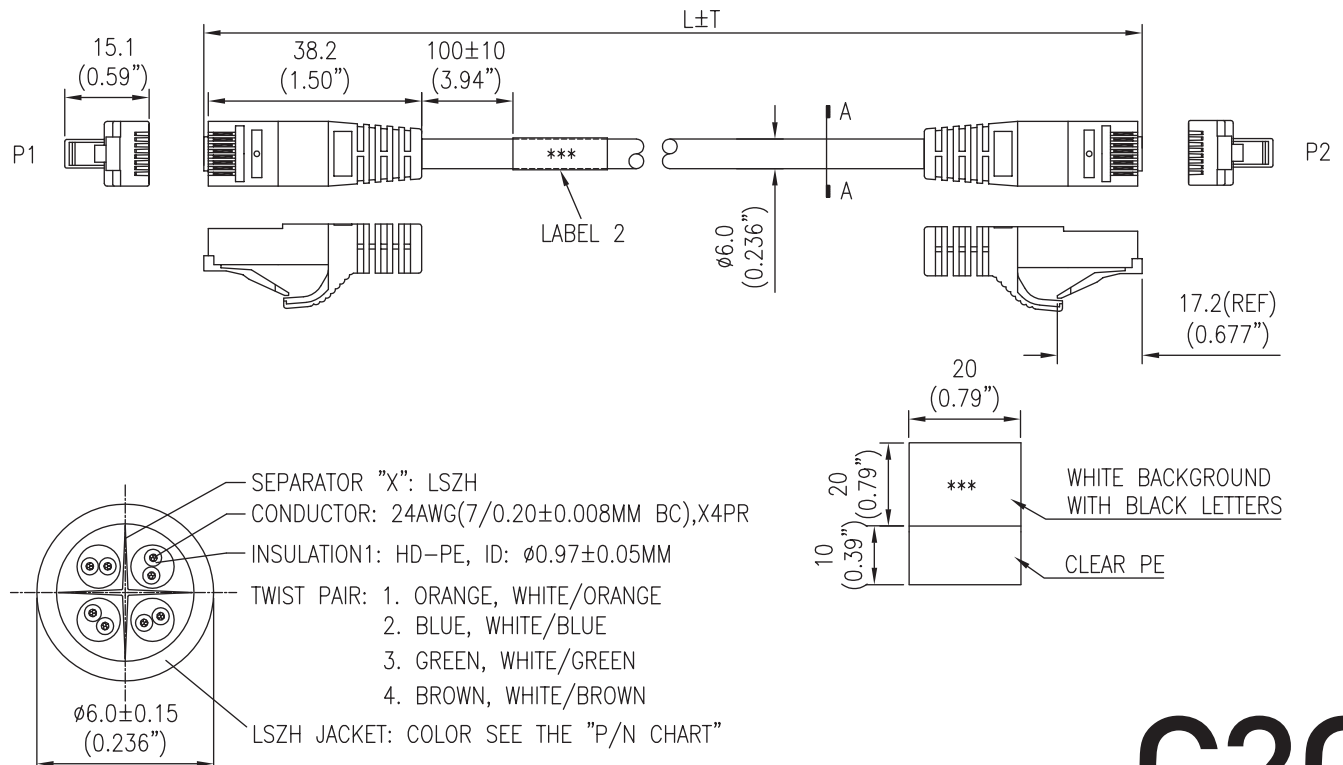
Conductor:	24AWG (7/0.20 BA)
Insulation:	HD-PE
Diameter:	0.98±0.05mm
Twist Pair:	Orange & White/Orange; Blue & White/Blue, Green & White/Green; Brown & White/Brown

#### 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
Minimum Average Thickness:	0.60mm
OD:	5.3±0.15



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Length (m)	Black	Blue	Green	Grey	Red	Yellow	White
0.5	82411	82417	82423	82447	82429	82435	82441
1	82412	82418	82424	82448	82430	82436	82442
1.5	82413	82419	82425	82449	82431	82437	82443
2	82414	82420	82426	82450	82432	82438	82444
3	82415	82421	82427	82451	82433	82439	82445
5	82416	82422	82428	82452	82434	82440	82446

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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)

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