

**DIGISOL™****CAT6**

STRUCTURED CABLING SYSTEMS

DIGISOL Patch Cord, Cat6, UTP



Intertek

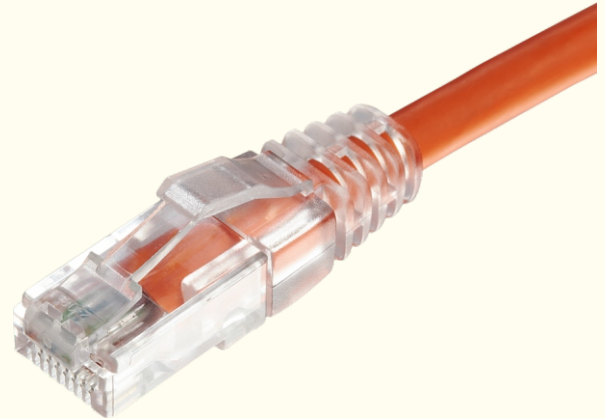


Introduction:-

DIGISOL Category 6 UTP patch cords are made of 4 twisted pair stranded copper wires inserted and crimped in a RJ45 connector Plug. It has normal transparent boot assembled with the connector plug. The patch cord complies both ANSI/TIA-568-C.2 and ISO/IEC11801 standards. Supports data network speeds upto 10/100-Base-T and 1000-Base-T.

Key Features:-

- Patchcords are factory terminated and 100% tested for performance.
- Pull proof RJ45 type connectors to prevent disconnect.
- Low smoke Zero Halogen (LSZH) rated jacket to reduce toxic/corrosive gases.
- Performance characterised upto 250 MHz
- Transparent slip on boot with cable assemblies
- Available with T568B wiring scheme crimped at both connector ends.
- Available in various colours and various lengths



Technical Specifications:-

Mechanical:-

Plug Insertion/Extraction Life	: 750 Cycles min. using FCC approved plug
Plug & Jack Contact Force	: 100 Grams min. using FCC approved plug
Plug Retention Force	: 11 lbf minimum
Operating Temperature	: -20° to +70°C
Installation Temperature	: -20° to +70°C

Physical:-

Conductor	: 24 AWG Stranded copper wires unshielded
Connector Plug	: Transparent, 30µ" Gold Plated Contact on Phosphor Bronze base material
Boot	: Slip on normal transparent
Jacket Sheath	: LSZH
Jacket Diameter	: 5.8 ± 0.1mm
Colors	: Grey/Blue/Green/Yellow/Red/Orange

Electrical:-

Current Rating	: 1.5 Amps
Insulation Resistance	: 500 MΩ minimum
Contact Resistance	: 20 mΩ maximum
DC Resistance	: 0.1 Ω maximum
Voltage Rating	: 72 Vdc maximum

Standard Verification:-

- Qualified unscreened Class E/Cat.6
- CM LS rated
- Channel ANSI/TIA-568-C.2
- IEC 60603-7-4 2nd Edition
- ISO/IEC 11801 2.2 Edition
- ETL verified
- RoHS Compliant

Ordering Information:-

Part Codes	Description
DGC-PC6UMXX-ZL	DIGISOL Patch Cord, Cat6, UTP, 24AWG, X, LSZH, ZM

Note: XX / X - Types of colours GY/Grey, BL/Blue, GR/Green, YL/Yellow, RD/Red, OR/Orange

Z - Length in meters 1, 2, 3 & above, A=10, B=15, C=20 & above

Example: DGC-PC6UMGY-1L - DIGISOL Patch Cord, Cat6, UTP, 24AWG, Grey, LSZH, 1M

DIGISOL SYSTEMS LIMITED
215 Atrium Bldg., 2nd Floor,
B-Wing, Opp. Big Cinema,
Courtyard Marriott Compound,
Andheri-Kurla Road,
Andheri (E), Mumbai - 400093.



1800-209-3444



www.digisol.com



helpdesk@digisol.com

@DIGISOLINDIA

DIGISOL is a Subsidiary of Smartlink Holdings Limited

Revised on: 11 March 2020
Revision number: Rev 01