DINTEK PowerMAX™
CAT 6 Patch Leads

DINTEK Category 6 Product Benefits

Category 6 Products exceed all TIA and ISO specifications for Category 5e/6 cabling systems and components

• They have been Independently confirmed for system performance

- Meets FCC parts 68
- ANSI/TIA-568-C.2
- ISO/IEC 11801

• DINTEK Cat 6 products can be warranted for 25 years

• Cat6 products are Interoperable with DINTEK and other standards compliant products

• Independently been confirmed for Gigabit Ethernet applications

• Having a single vendor solution ensures best system performance

• Our products meet or exceed performance requirements for existing and proposed high-speed network applications including:

• Voice; T1; ISDN

• 10BASE-T (IEEE 802.3)

• 16Mbps Token Ring (IEEE802.5)

• 100VG-AnyLAN (IEEE802.12)

• 100BASE-T Ethernet (IEEE802.3)

• 155/622Mbps 1.2/2.4 Gbps ATM

• 1000Mbps Gigabit Ethernet

• 550MHz Broadband Video
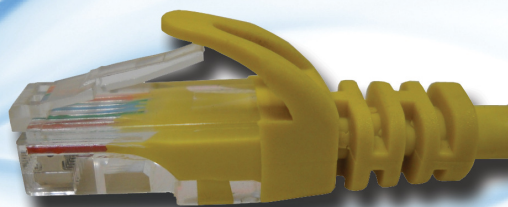
KEY FEATURES

• Molded boots prevent pin from bending and cables from kinking
• 24AWG stranded wire provides maximum flexibility.
• Brilliant colors make management a snap
• Fully tested to meet ANSI/TIA-568-C.2 category 6 requirement.
• LSZH Flame test as per IEC 60332-1
• The various colors are available to meet TIA/EIA-606 standards. The mechanical characteristics and transmission performance me
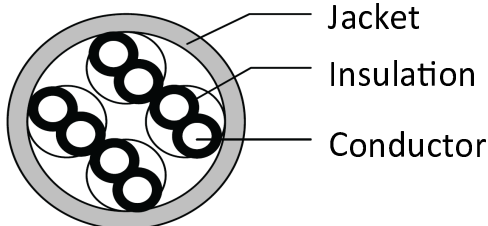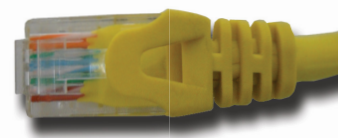
APPLICATION

• Patch panel to patch panel connections.
• PC to information outlet connections.
• Information outlet to telecommunications closet connections.
• Equipment & DTE connections

STANDARDS

• UL Verified
• ISO/IEC11801 2nd edition
• ANSI/TIA-568-C.2
• CENELEC EN 50173
• LSZH Flame test as per IEC 60332-1

MECHANICAL FEATURES

• Twisted pair color code:
    Pair 1> blue, white/blue ring.
    Pair 2> orange, white/orange ring
    Pair 3> green, white/green ring
    Pair 4> brown, white/brown ring
• Conductor: 24AWG (7x0.195mm) stranded anneal copper wire
• Insulation material: HDPE
• Diameter of dielectric core: 1.0±0.05mm
• Insulation thickness: min at any point: 0.20mm
• Number of twist pairs: 4 pairs
• Assembly: 4 pairs of dielectric core shall be stranded in circular form
• Material of jacket: PVC/LSZH
• Thickness of jacket: AVG 0.66~0.70mm
• Nominal O.D: 5.6±0.2mm
• Jacket color: red,orange,yellow,green,blue,grey, etc
• RJ45 plug:Housing>polycarbonate
    Contact>copper alloy 50u" gold plated over nickel
    Strength>20lbs. min
    Durability>200 cycles min.
• Insulation resistance: 500 megaohms min. Molded boots prevent pin from bending and cables from kink.
• Wiring schemes: T568B

Jacket
Insulation
Conductor

P/N	Description	Length(M)	Color	Std Pkg Qty
1201-04174	Cat.6 4 pair U/UTP patch cord	1	Gray	10
1201-04175	Cat.6 4 pair U/UTP patch cord	2	Gray	10
1201-04176	Cat.6 4 pair U/UTP patch cord	3	Gray	10
1201-04184	Cat.6 4 pair U/UTP patch cord	5	Gray	10

• *Please contact us for any customized requirements.*

鼎志電子股份有限公司 24886 台北縣新莊市五工路97巷8號5樓
DINTEK Electronic Ltd TEL：+886-2-22997898 FAX：+886-2-22997770
No.8, Lane 97, Wugong Rd., Sinjhuang City, Taipei County 24886 Taiwan
http://www.dintek.com.tw E-Mail : sales@dintek.com.tw

DINTEK Switzerland
St. Oswalds Gasse 17, CH - 6300 Zug , Switzerland
TEL：+41-41-7101073 FAX：+41-41-7101073
http://www.dintek-switzerland.ch E-mail: sales@dintek-switzerland.ch

DINTEK

DATA SHEET | DS105