

CAT5E FUTP 24AWG LAN CABLE

TMT Global cat5e 24awg 4 twisted pair F-UTP Network Cable 305m are Manufactured Tested and Complied with IEC 60332-1-2 EN 50173-1:2011 ISO/IEC11801:2011(Ed. 2.2) ANSI/TIA/EIA-568.2-D IEC61935-2:2010(Ed.3.0) EN 50173-2:2007 including Amendment A1:2010 Requirements for Patch Cord Assemblies and Provide High Performance levels for structured cabling systems.

General Specification:

4 Pairs UnShielded Twisted Pair (FTP) Cable

Gold Plated: 30U"

Color Code: Aqua/Black/Blue/green/Grey/Orange/Red/Violet/White/Yellow r custom color

Length : 0.12/0.15/0.50/1/2/3/5/8/10/15/20/25/30/40/50/70/100/meter r custom Length

Contact blade: Phosphor Bronze

Insulation Material: HD-PE-PVC-LSZH

Jacket Material: PVC UL94V-0

APPLICATION

10BASE-T, 100BASE-TX Fast Ethernet,

1000BASE-T (IEEE802.3

100VG-AnyLAN (IEEE802.12)

550 MHz Broadband Video

Voice, T1, ISDN

155/ 622 Mbps ATM

Power over Ethernet (POE)

PHYSICAL AND MECHANICAL PROPERTIES

Conductor Resistance: $\leq 5\Omega - \leq 20\Omega$

Insulation Resistance: $\geq 10M\Omega$

Characteristic Impedance: 100 — 6 Ohm @ 1-250MHz -1-500 MHz

Contact Resistance: 20 m Ohm max

Resistance Unbalance: 2% max

Dielectric strength: 1000 volts/1 minute min rms

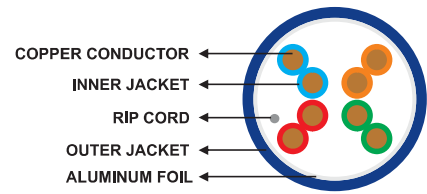
Cable to Plug Tensile Strength: 9 Kgf (90N) min

Durability: 750

Temperature Operating Range: -25°C to 70°C

Country Of Origin: Made in UAE

By Fahad Cables Industry FZE



Middle East Office

TMT GLOBAL TECHNOLOGY

Mob: +971-54-7069701

Email: info@tmtuae.com

Web: www.tmtuae.com

Location: Maliha Road Industrial Area 18
Showroom 2 Sharjah (United Arab emirates)

UK Office

TMT GLOBAL TECHNOLOGY LTD (UK)

Company no: 07187773

Email: info@tmtglobal.co.uk

Web: www.tmtglobal.co.uk

Location: 120 Baker Street, 3rd Floor, London,
England, W1U 6TU, United Kingdom





CAT5E FUTP 24AWG LAN CABLE

TMT Global cat5e 24awg 4 twisted pair F-UTP Network Cable 305m are Manufactured Tested and Complied with IEC 60332-1-2 EN 50173-1:2011 ISO/IEC11801:2011(Ed. 2.2) ANSI/TIA/EIA-568.2-D IEC61935-2:2010(Ed.3.0) EN 50173-2:2007 including Amendment A1:2010 Requirements for Patch Cord Assemblies and Provide High Performance levels for structured cabling systems.

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	TMT copper
Conductor Size	24AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Overall Screening	Polyester-aluminum tape (foil face inward) providing 100% coverage.
Outer Jacket	LSOH Halogen free flame retardant or PVC compound
Standard Jacket Color	Black, Blue, Gray, Green, Orange, Red, Violet, White, Yellow, Aqua
Standard Surface Marking	Includes TMT GLOBAL P/N, cable description, Meter mark and Batch Number
Pulling force	50 N/mm2 max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100—6 Ohm @ 1-100 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.		
Voltage rating	72 Vdc max.		

Ordering Information		
Model No	Product ID	Description
TMT-5002	5X242MPB	24AWG 4PAIR CAT5E F/UTP CABLE 305M

Middle East Office
TMT GLOBAL TECHNOLOGY
Mob:+971-54-7069701
Email: info@tmtuae.com
Web: www.tmtuae.com
Location: Maliha Road Industrial Area 18
Showroom 2 Sharjah (United Arab emirates)

UK Office
TMT GLOBAL TECHNOLOGY LTD (UK)
Company no:07187773
Email: info@tmtglobal.co.uk
Web: www.tmtglobal.co.uk
Location: 120 Baker Street, 3rd Floor, London,
England, W1U 6TU , United Kingdom

