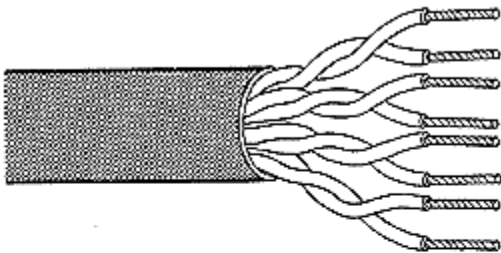


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RoHS Compliant ✓

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/31/12	D.FRISIELLO

TC5050



Drawing typical of P/N family

#### Construction Details

Cond. Stranding: 24 AWG 7/32 tinned

Insulation/Thickness: Polyethylene (O.D.) .039  
inch (1.00mm)

Jacket/Thickness: PVC .020 inch (.51mm)

Jacket Color: Blue

Nom. Diameter: 0.220 inch (5.59mm)

Shielding: Unshielded

#### Description

DataMax® 6, 4 pair, 24 AWG stranded, polyethylene  
insulation, blue PVC jacket, unshielded. TIA Category 6 and  
ISO 11801 Class E patch/jumper cable. Backward compatible  
with 5 and 5e hardware. Performance tested to 600 MHz.

RoHS compliant

#### Listing and Ratings

NEC (UL) Type CM, 75 degrees C Article 800

CEC Type CMG, 60 degrees C

ETL verified to Category 6

100 meter ACR remains positive at > 250 MHz

#### Electricals (NOM)

Cond. DC Resistance: 26.0 Ohms/kft (85.3 Ohms/km) Max.

Cond. to Cond. Capacity: 13.5 pF/ft (44.3 pF/meter)

Cond. to Shield Capacity: N/A

Impedance: 100 ±3 Ohms smoothed

Velocity of Propagation: N/A

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0%  ALL OTHER DIMENSIONAL TOLERANCES: .X = ±.2 .XX = ±.02 .XXX = ±.005  PROJECTION 	APPROVALS	DATE	 45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
	DRAWN BY D.FRISIELLO	10/31/12		
	CHECKED BY D.DESJARDIN	10/31/12	CATEGORY TELECOM/MODULAR	
	APPROVED BY M.MARTINEZ	10/31/12	PRODUCT DESCRIPTION C6 UTP 4PR/24 STR BLU PVC 1K	
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. TC5050
COLOR VARIATIONS MAY OCCUR		SCALE: NONE	CAD FILE: TC5050.SLDDRW	REV. <b>A</b>
		SHEET 1 OF 1		