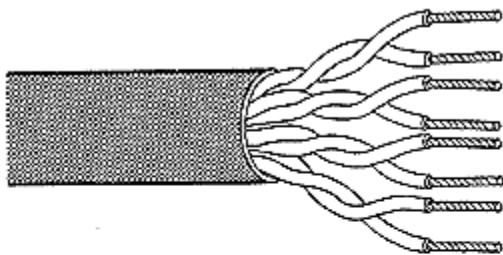


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RoHS Compliant ✓

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] = +3% / -0% ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 .XX = ± .02 .XXX = ±.005	APPROVALS DRAWN BY D.FRISIELLO	DATE 10/31/12		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845			
	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	SIZE A	FSCM NO. 43321	DWG. NO. TC5050	REV. A
	PROJECTION 	COLOR VARIATIONS MAY OCCUR	SCALE: NONE	CAD FILE: TC5050.SLDDRW	SHEET 1 OF 1		