



# TINMAR INVER



-  info@tinmarinver.com
-  www.tinmarinver.com
-  C/ De la Farigola, 12  
08755 Castellbisbal  
(Barcelona) SPAIN



## U/UTP CAT 5e EXTERIOR DATASHEET

### Description:

Four-pair unshielded cable, Cat 5e rated with solid copper conductors. It is specifically designed for outdoor applications, featuring a durable polyethylene (PE) jacket suitable for external environments.

**CPR: Fca**  
**Reference Numbers:**

002-3005700 U/UTP Cat 5e EXTERIOR

### Standards and Compliance:

UNE EN 60228  
ISO/IEC 11801  
ISO/IEC 61156-5  
EN 50173  
EN 50288-2-1  
RoHS Compliant



### PHYSICAL CHARACTERISTICS:

**Conductor:** Class 1 Solid Copper (IEC 60228)

- **Diameter:** 0.51 mm (AWG23)

**Insulation:** Solid Polyethylene

- **Color:** Blue, White; Brown, White; Green, White; Orange, White
- **Core Diameter:** 1.03 mm

**Jacket:** UV Stabilized LSZH Polyethylene

- **Color:** Black

**Overall Diameter:** 5 mm

**Format:** Coils or Wooden Drums

### ELECTRICAL CHARACTERISTICS:

**Capacitance:** 50 pF/m

**Characteristic Impedance:** 100 Ω

**Conductor Resistance:** <169 Ω/Km

FREQUENCY	ATTENUATION	NEXT	FEXT	RETURN LOSS
10 Mhz	6.0 dB	50 dB	48 dB	25 dB
20 Mhz	8.5 dB	45 dB	42 dB	25 dB
31.2 Mhz	10.7 dB	40 dB	38 dB	24 dB
62.5 Mhz	15.7 dB	38 dB	32 dB	22 dB
100 Mhz	19.9 dB	35 dB	28 dB	20 dB

