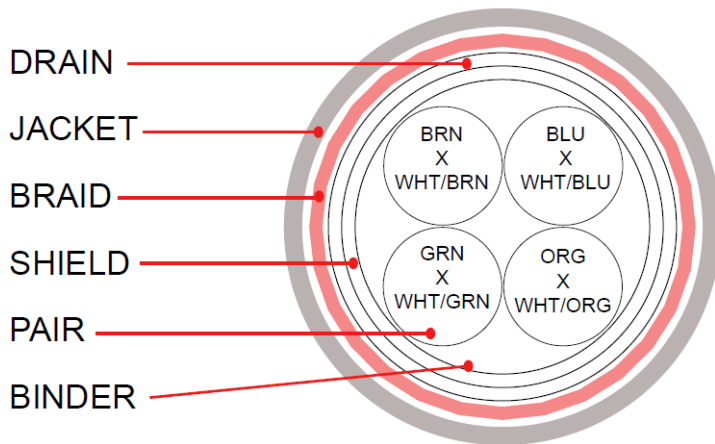


PRODUCT SPECIFICATION: CABLE TYPE# 2, INDUSTRIAL HIFLEX TIC-TOC (CAT-5E)



COLOR CODE

1. BLUE X WHITE / BLUE
2. ORANGE X WHITE / ORANGE
3. GREEN X WHITE / GREEN
4. BROWN X WHITE / BROWN

PHYSICAL PROPERTIES

TEMPERATURE RATING, MAX. 75°C (JACKET 105°C)
TEMPERATURE RATING, MIN.: -40°C

JACKET IS RESISTANT TO:
UV, WELD SPLATTER, MACHINE/CUTTING OIL

CONSTRUCTION

CONDUCTOR: 26 AWG 7/34 STRANDED TINNED COPPER

INSULATION: POLYOLEFIN, .010" NOM. WALL THICKNESS

PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS

CABLE: (4) TWISTED PAIRS TWISTED TOGETHER AND WRAPPED WITH A CLEAR POLYESTER BINDER TO FORM A CABLE CORE.

SHIELDS: AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE THE CABLE CORE AND SHALL CONTAIN A 26 AWG 7/34 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE. A SECOND SHIELD OF 38 AWG TINNED COPPER BRAID (85% MINIMUM COVERAGE), SHALL BE APPLIED OVER THE FOIL SHIELD.

JACKET: THERMOPLASTIC ELASTOMER, BLACK, .032" NOM. WALL THICKNESS (PRESURE) OVERALL CABLE DIAMETER .245"

ELECTRICAL CHARACTERISTICS

@ 100 M OF CABLE:

CAPACITANCE, MUTUAL: 13.5 PF/FT. AT 1MHZ

DIELECTRIC WITHSTANDING, MIN: 1500V RMS

VOLTAGE RATING, MAX. : 300V

D.C. RESISTANCE, MAX.: 42.6 Ω / 1000'

IMPEDANCE: 100 +/- 15 Ω 1-100 MHZ

IMPEDANCE, SMOOTHED: 100 +/- 10 Ω TYPICAL 5-100 MHZ

SRL: 23DB 1-20 MHZ 23.10 LOG(F/20) 20-100 MHZ



**COMPONENTS
EXPRESS, INC.**

Ph: 800-578-6695
www.ComponentsExpress.com

Spec No. **CABLE TYPE #2, INDUSTRIAL HIFLEX TIC-TOC (CAT-5E)**

Revision: C

Date: 11-7-2017