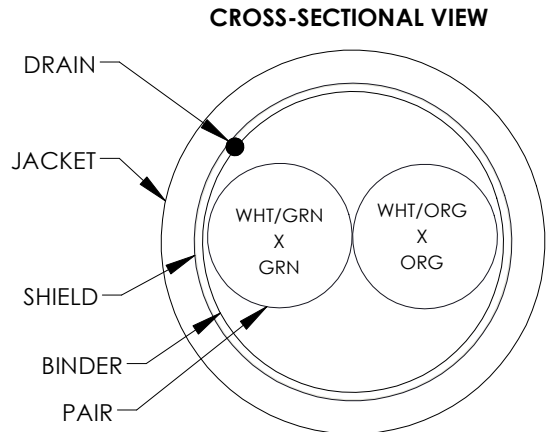
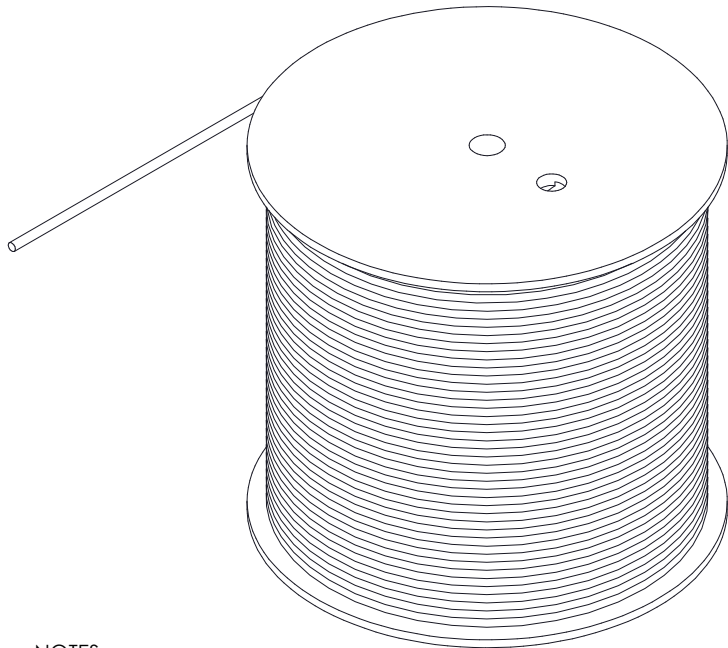


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
D	ECN 10787: UPDATE PER THE VENDOR SPEC. NEW FORMAT	11/13/2020	D.GUTTADAURCO

TFC2002 CONSISTS OF 1000FEET OF CONTINUOUS LENGTH OF BULK CABLE



COLOR CODE
 ORANGE x WHITE/ORANGE
 GREEN x WHITE/GREEN

NOTES:

- CONSTRUCTION:**
 CONDUCTOR: 26 AWG 7/34 STRANDED TINNED COPPER
 INSULATION: POLYOLEFIN, .010" NOM. WALL THICKNESS
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS
 CABLE: (2) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE
 WRAPPED WITH A CLEAR POLYESTER BINDER
 SHIELD: AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL CONTAIN A 26AWG 7/34 TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE
 JACKET: POLYVINYLCHLORIDE, COLOR: STARLIGHT BEIGE, .026" NOM. WALL THICKNESS OVERALL CABLE DIAMETER
- PHYSICAL PROPERTIES:**
 TEMPERATURE RATING, MAX: +60 °C
 TEMPERATURE RATING, MIN: -20 °C
 WT./M', NOM., NET.: 16.1 LBS
- ELECTRICAL CHARACTERISTICS:** SEE SHEET 2
- AGENCY APPROVALS:**
 NEC (UL) TYPE CM
 CEC C (UL) TYPE CM
- APPLICATION:**
 SHIELDED FLEXIBLE PATCH/JUMPER CABLE TO SUPPORT SCREENED ISO 11801 CLASS D AND SCREENED 568-C.2 CATEGORY 5e APPLICATIONS. RoHS COMPLIANT MATERIALS.
- JACKET PRINT:**
 QUABBIN DATAMAX 5e SCREENED 100 OHM PATCH CORD/JUMPER TIA-568-C.2 CATEGORY 5e/ISO 11801/EN 50173 COMPLIANT P/N (MANUFACTURER P/N)--TYPE CM(UL) C(UL) 26AWG -- RoHS--(LOT DESIGNATOR)(SEQUENTIAL FOOTAGE)
- PACKAGING:**
 CABLE SHIPPED ON A REEL

NOM. DIA.
.019"
.039"
.078"
.119"
.155"
.186"

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 [5.08] .XX = .02 [51] .XXX = .005 [13]	APPROVALS DRAWN BY B.ZHANG	DATE 11/13/2020		50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936	
	CHECKED BY D.CONTROL	DATE 11/13/2020		CATEGORY TELECOM/MODULAR	
	APPROVED BY D.GUTTADAURO	DATE 11/13/2020	PRODUCT DESCRIPTION C5E FTP 2PR/26 STR GRY PVC		
	PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY COLOR VARIATIONS MAY OCCUR	SIZE A	FSCM NO. 43321	DWG. NO. TFC2002

3.
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3. ELECTRICAL CHARACTERISTICS(FOR 100m OF CABLE):

CAPACITANCE, MUTUAL, NOM.	13.5PF/FT AT 1MHZ	
DIELECTRIC WITHSTANDING, MIN.	1500V RMS	
VOLTAGE RATING, MAX.	300V	
D.C. RESISTANCE, MAX.	42.6 OHM/1,000F	
IMPEDANCE	100 ± 15 OHM 1-100 MHz	
IMPEDANCE , SMOOTHED	100 ± 10 OHM TYPICAL 5-100 MHz	
SRL	23 dB 1-20 MHz	23 -10 LOG(f/20)dB 20-100 MHz
RETURN LOOS	1 ≤ f <10 MHz	20 + 5 LOG(f)dB MIN
	10 ≤ f <20 MHz	25 dB MIN
	20 ≤ f ≤100 MHz	25 - 8.6 LOG(f/20)dB MIN
PS NEXT	1 ≤ f ≤100 MHz	64 - 15 LOG(f/.772)dB MIN
NEXT	1 ≤ f ≤100 MHz	67 - 15 LOG(f/.772)dB MIN
PS ELFEXT	1 ≤ f ≤100 MHz	63 - 20 LOG(f/.772)dB MIN
ELFEXT	1 ≤ f ≤100 MHz	66 - 20 LOG(f/.772)dB MIN
ATTENUATION	1 ≤ f ≤100 MHz	1.5[1.967SqRt(f) + 0.023(f) + 0.05/SqRt(f)] dB MAX
DELAY	1 ≤ f ≤100 MHz	534 + 36/SqRt(f) ns
DELAY SKEW	1 ≤ f ≤100 MHz	< 25 ns
LCL	1 ≤ f ≤100 MHz	-38dB MIN
VELOCITY OF PROPAGATION	68%	

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL

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3.

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		an INFINIT@ brand	
CATEGORY TELECOM/MODULAR			
PRODUCT DESCRIPTION C5E FTP 2PR/26 STR GRY PVC			
SIZE A	FSCM NO. 43321	DWG. NO. TFC2002	REV. D
SCALE: NONE		CAD FILE: TFC2002.SLDDRW	SHEET 2 OF 2