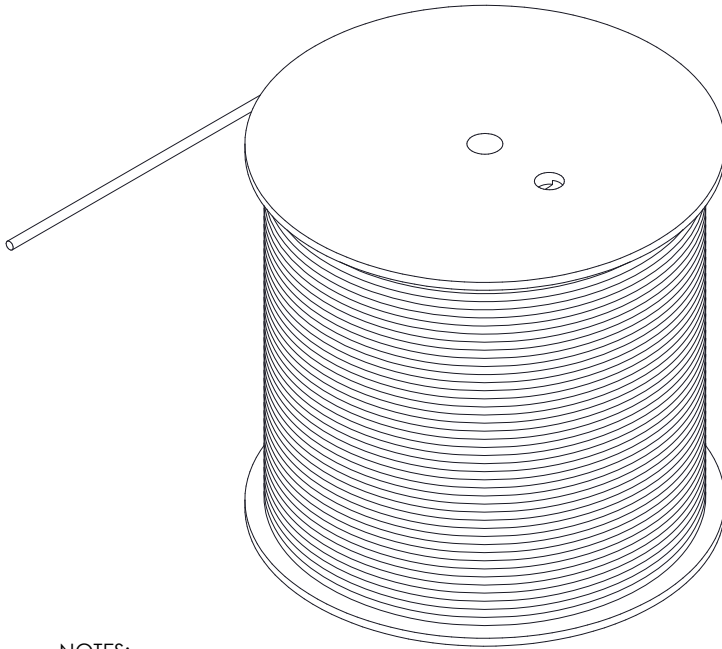
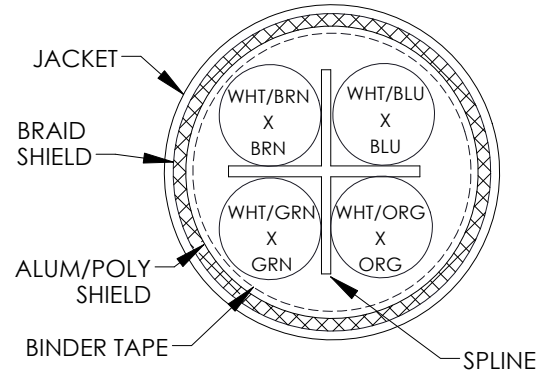


REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	INITIAL RELEASE	01/29/2020	GUTTADAURO
B	ECN 10610 CLARIFY BURN RATING ON CERTS	08/28/2020	GUTTADAURO

TFDAC6A-XXX CONSISTS OF A CONTINUOUS LENGTH OF BULK CABLE



### CROSS-SECTIONAL VIEW



**COLOR CODE**  
 BLUE x WHITE/BLUE  
 ORANGE x WHITE/ORANGE  
 GREEN x WHITE/GREEN  
 BROWN x WHITE/BROWN

#### NOTES:

##### 1. CONSTRUCTION:

CONDUCTOR: 26 AWG SILVER PLATED COPPER ALLOY  
 INSULATION MATERIAL: SOLID FLUORINATED ETHYLENE PROPYLENE  
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS  
 FILLER: FLUOROPOLYMER COMPOSITE SPLINE  
 BINDER: FLUOROPOLYMER TAPE  
 SHIELD: ALUMINUM POLYESTER FOIL SHIELD (ALUMINUM SIDE OUT)  
 OUTER BRAID: TIN PLATED COPPER, 85% MIN. COVERAGE  
 JACKET: FEP, BLUE TINT

O.D: .036" ± .003"

OVERALL CABLE DIAMETER: 0.230" NOM.

##### 2. PHYSICAL PROPERTIES:

TEMPERATURE RATING: -55 °C TO +150 °C  
 MINIMUM BEND RADIUS: 1.15"

##### 3. FIRE PROPERTIES (FST):

WILL MEETS OR EXCEEDS THE APPLICABLE REQUIREMENTS OF FAR 25.869, FAR 25.853, ABD0031, AND D6-51377;  
 SEPARATE TESTING AND QUALIFICATION MAY BE REQUIRED FOR YOUR APPLICATION AS CERTIFICATION AUTHORITY AND DOCUMENTATION DOES NOT RESIDE WITH L-COM.



##### 4. AGENCY APPROVALS:

CATEGORY 6a, REACH & RoHS COMPLIANT

##### 5. JACKET PRINT:

HARBOUR INDUSTRIES DATA MASTER AEROBIT 4E100-26(19)-FT/F


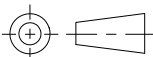
MODEL NUMBER	LENGTH	PACKAGING
TFDAC6A-100	100.0 FT	POLY BAG

##### 6. ELECTRICAL CHARACTERISTICS:

VOLTAGE RATING: 300 V  
 CAPACITANCE: 14.5 pF/ft NOM.  
 VELOCITY OF PROPAGATION: 70% NOM.  
 CAT 6A CHANNEL RATING TEST LENGTH @ 196.0 FEET MAX.

##### 7. TRANSMISSION IMPEDANCE:

FREQUENCY (MHz)	ATTENUATION (dB/100ft)
10 MHz	2.7 TYP./3.1 MAX.
100 MHz	8.7 TYP./10.5 MAX.
250 MHz	14.4 TYP./17.2 MAX.
500 MHz	20.7 TYP./24.9 MAX.

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 [5.1] .XXX = .005 [13]	APPROVALS	DATE	 50 HIGH STREET NORTH ANDOVER, MA 01845	
	DRAWN BY DFRISIELLO	01/15/2020		
	CHECKED BY GUTTADAURO	01/29/2020	CATEGORY	
	APPROVED BY GUTTADAURO	01/29/2020	TELECOM/MODULAR	
PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION	
	COLOR VARIATIONS MAY OCCUR		Cat6a F/UTP 23SLD CMP WHT	
SIZE <b>A</b>		FSCM NO. <b>43321</b>	DWG. NO. <b>TFDAC6A</b>	REV. <b>B</b>
SCALE: NONE		CAD FILE: TFDAC6A.SLDDRW		SHEET 1 OF 1