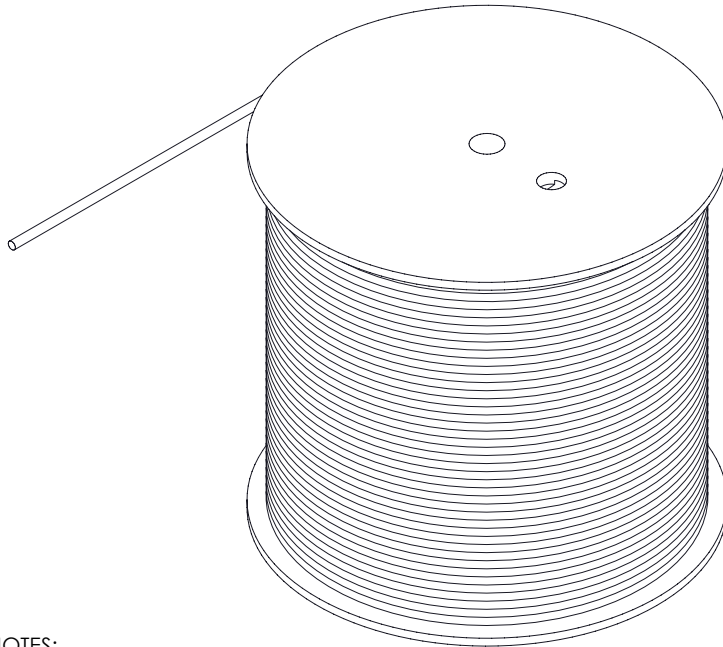


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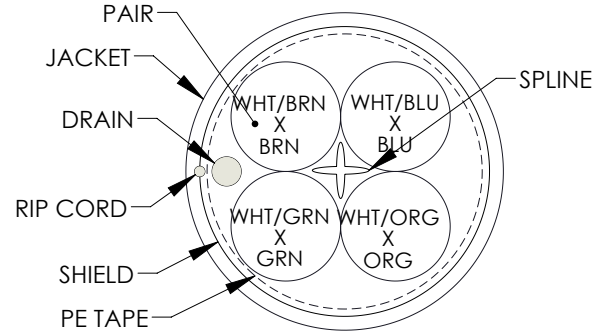
| REVISIONS |                        |            |            |
|-----------|------------------------|------------|------------|
| REV       | DESCRIPTION            | DATE       | APPROVAL   |
| A         | REV A DRAWING RELEASED | 09/28/2018 | DFRISIELLO |

**TFPC6A-GRN**

TFPC6A-GRN CONSISTS OF 1000 FEET OF CONTINUOUS LENGTH BULK CABLE



**CROSS-SECTIONAL VIEW**



- COLOR CODE**  
 1) BLUE x WHITE/BLUE  
 2) ORANGE x WHITE/ORANGE  
 3) GREEN x WHITE/GREEN  
 4) BROWN x WHITE/BROWN

**NOTES:**

**1.CONSTRUCTION:**

CONDUCTOR: 23 AWG SOLID BARE COPPER

PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS

CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE WITH A SPLINE DIVIDER

SHIELD: AN ALUMINUM POLYESTER FOIL SHIELD (100% COVERAGE) OVER PE TAPE WRAP.

A SOLID TINNED COPPER DRAIN WIRE IN CONTACT WITH THE OUTER SURFACE.

JACKET: PLENUM, PVC, COLOR, GREEN, WITH RIP CORD

OVERALL CABLE DIAMETER: 0.268±0.012 [6.8 ±0.3mm]

**2.PHYSICAL PROPERTIES:**

TEMPERATURE RATING, MAX. 80°C  
 TEMPERATURE RATING, MIN. -20°C

**3.AGENCY APPROVALS:**

NEC ARTICLE 800, UL 444TYPE CMP RATING FT6, ETL VERIFIED TO ANSI-TIA 568.2 CATEGORY 6, C(ETL)US RoHS COMPLIANT

**4. JACKET PRINT:**

4PR 23AWG SOLID CAT6A AUGMENTED 10GS SHIELDED 75C CMP E328429 (UL) ANSI/TIA 568.2 RoHS COMPLIANT XXXXFT

**5. ELECTRICAL CHARACTERISTICS: (FOR 100m OF CABLE)**

VOLTAGE RATING 30V  
 CAPACITANCE 5.6nF/100m NOMINAL  
 VELOCITY OF PROPAGATION 65%  
 MAX CONDUCTOR D.C. RESISTANCE 9.38 Ω/100m NOMINAL  
 MAX D.C. RESISTANCE, UNBALANCE 5%

**6. CHARACTERISTIC IMPEDANCE**


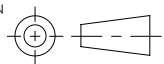
1 MHz - 100 MHz 100 ± 15%  
 101 MHz - 250 MHz 100 ± 22%  
 251 MHz - 550 MHz 100 ± 25%

**7.PACKAGING:**

CABLE SHIPPED ON A SPOOL

**REGULATORY COMPLIANCE:**

CE2011/65/EU(RoHS DIRECTIVE)  
 UL LISTED

|   |   |   |  |                           |                               |                  |
|---|---|---|--|---------------------------|-------------------------------|------------------|
| UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONS ARE IN INCHES [mm]<br>OVERALL CABLE LENGTH TOLERANCE:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] - 60 [1524] = +2 [51] / -0<br>>60 [1524] - 120 [3048] = +4 [102] / -0<br>>120[3048] - 300[7620] = +6 [152] / -0<br>>300[7620] = +5% / -0%<br>ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = .2 [5.08]<br>.XX = .02 [51]<br>.XXX = .005 [1.27] | APPROVALS   | DATE  |  50 HIGH STREET<br>NORTH ANDOVER, MA<br>01845 |                           |                               |                  |
|   | DRAWN BY<br>DFRISIELLO  | 09/28/2018  |  |                           |                               |                  |
|   | CHECKED BY<br>MPATEL  | 09/28/2018  | CATEGORY   | TELECOM/MODULAR           |                               |                  |
|   | APPROVED BY<br>DGUTTADAURO  | 09/28/2018  | PRODUCT DESCRIPTION  | Cat6a F/UTP 23SLD CMP GRN |                               |                  |
| PROJECTION  |  | CONFIGURATION DETAILS OF<br>UNDIMENSIONED FEATURES<br>MAY VARY<br><br>COLOR VARIATIONS<br>MAY OCCUR | SIZE<br><b>A</b>   | FSCM NO.<br><b>43321</b>  | DWG. NO.<br><b>TFPC6A-GRN</b> | REV.<br><b>A</b> |
| SCALE: 1:4  |   |   | CAD FILE: TFPC6A-GRN.SLDDRW  |                           | SHEET 1 OF 1                  |                  |