



**Triax 11**  
**Stranded - Belden code: 7784A**

**DESCRIPTION**

TRIAXIAL CAMERA CABLE: EUROPEAN TRIAX 11MM PVC  
VIDEO BRILLIANCE BY BELDEN 7784A CAMERA CABLE TRIAX 11

**ELECTRICAL SPECIFICATIONS**

|                              |                          |
|------------------------------|--------------------------|
| IMPEDANCE:                   | 75 +/- 2.25 OHMS         |
| NOM. INDUCTANCE:             | .1 MICRO-H/FT            |
| NOM. CAPACITANCE CONDUCTOR   |                          |
| NOM. VELOCITY OF PROPAGATION | 82 %                     |
| NOM. DELAY:                  | 1.24 NS/FT               |
| NOM. CONDUCTOR DC RESISTANCE |                          |
| § 20 DEG C:                  | 4.30 OHMS/1000 FT.       |
| NOM. SHIELD DC RESISTANCE    |                          |
| § 20 DEG. C: INNER           | 1.75 OHMS/1000 FT.       |
| OUTER                        | 1.50 OHMS/1000 FT.       |
| STRUCTURAL RETURN LOSS:      | >26 DB, 1 - 100 MHZ      |
|                              | >23 DB, 100 - 300 MHZ    |
| MAX. OPERATING VOLTAGE:      | 600 VRMS                 |
| NOM. ATTENUATION:            |                          |
|                              | MHZ DB/100 FT. DB/100MTR |
|                              | -----                    |
| 1                            | 0.2 0.5                  |
| 10                           | 0.5 1.6                  |
| 20                           | 0.7 2.3                  |
| 40                           | 1.0 3.3                  |
| 50                           | 1.1 3.7                  |
| 60                           | 1.2 4.1                  |
| 100                          | 1.6 5.4                  |
| 300                          | 3.1 10.3                 |

**PHYSICAL SPECIFICATIONS**

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| TEMPERATURE RATING:             | - 50 TO + 80 DEG. C                        |
| MIN. BENDING RADIUS:            | 5.0 "                                      |
| MAX. PULLING TENSION:           | 150 LBS.                                   |
| NOM. WEIGHT/1000 FT:            | 100 LBS.                                   |
| CONDUCTOR MATERIAL & DIA:       | 16AWG(19X#29) SILVER PLATED CU, .056" NOM. |
| INSULATION MATERIAL & DIA:      | FOAM POLYETHYLENE, .256" NOM.              |
| INNER SHIELD TYPE & % COVERAGE: | SILVER PLATED COPPER BRAID, 90%;.284" NOM. |
| INNER JACKET MATERIAL & DIA:    | PVC .344" NOM.                             |
| OUTER SHIELD TYPE & % COVERAGE: | BARE COPPER BRAID 80% .372" NOM.           |
| OUTER JACKET MATERIAL & DIA:    | BELFLEX* PVC (RED) .433" NOM. (11.0 MM)    |
| APPLICABLE SPECIFICATIONS:      | N/A                                        |
| FLAME RESISTANCE:               | N/A                                        |

USE: SUITABLE FOR INDOOR AND OUTDOOR APPLICATIONS

**DELIVERY INFORMATION**

on 100, 500 or 1.000 mtr non returnable reel  
Other delivery length on request

**CONNECTOR INFORMATION**

For example: Fischer 1051 A004-5  
Lemo FGG.4M.675