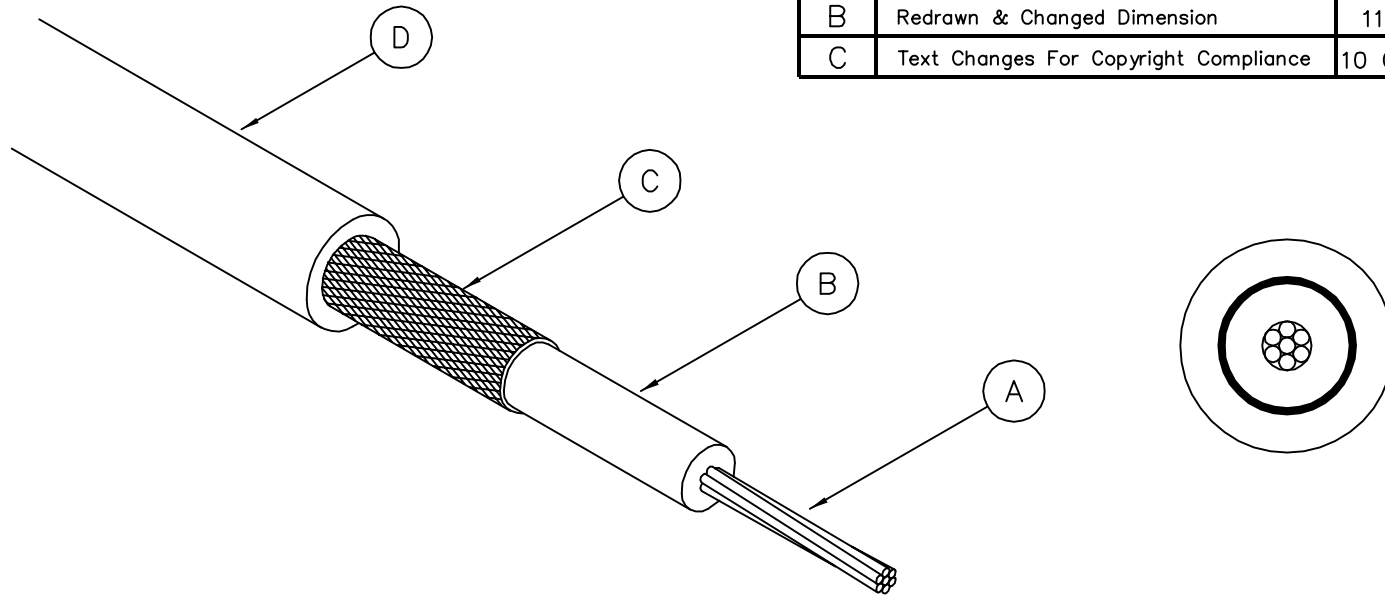


## REVISIONS

LTR.	DESCRIPTION	DATE	CHNG'D BY
—	Released For Production	04/21/80	—
A	Added Dimension Tolerances	08/11/82	—
B	Redrawn & Changed Dimension	11/23/92	—
C	Text Changes For Copyright Compliance	10 OCT 2005	EL



- A. Conductor: AWG 30(7/38) Silver Plated Copper, 0.012" dia. nominal
- B. Dielectric: ePTFE, 0.070" +/- .003"
- C. Shield: AWG 38 TPC, BRAID .086" +/- .003"
- D. Jacket: RED, FEP, .006" thick, .098" +/- .005"

### REQUIREMENTS

- |                                      |                 |
|--------------------------------------|-----------------|
| 1. Characteristic Impedance, ohms    | 95 ±6           |
| 2. Capacitance, pf/ft.               | 13 NOM          |
| 3. Inductance, uh/ft.                | .1 NOM          |
| 4. Velocity of Propagation, % of air | 85 NOM          |
| 5. Dielectric Strength, V RMS        | 500             |
| 6. Attenuation, Db/100 ft.           | 14 @ 400MHz NOM |
| 7. Operating Temperature, °C         | -55 +150        |
| 8. Weight, lb/1000 ft.               | 7 NOM           |

#### PROPRIETARY NOTE

W. L. GORE & ASSOCIATES, INC.  
PROPRIETARY DATA

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**W. L. GORE & ASSOCIATES, INC.**

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TITLE			
ENGR.		DRWN BY	DATE
			4/21/80
		SIZE	DWG. NO.
		A	CXN1458
			REV. C