CONSTRUCTION: QUAD CABLE

A. CONDUCTOR: AWG 26(19/38) SP HIGH STRENGTH COPPER ALLOY
B. PRIMARY INSULATION – ePTFE (AGAINST CONDUCTOR)
C. SECONDARY INSULATION – PTFE, .044 DIA. MAX.
   COLORS: RDxGN, BUxOR
D. FILLER: FEP, .015 DIA. NOM.
E. BINDER: ePTFE
F. SHIELD #1: AWG 40(1) SPC BRAID, 92% MIN. COVERAGE
G. SHIELD #2: AWG 38(1) SPC BRAID, 92% MIN. COVERAGE
H. JACKET: .003 MIN. WALL LASER MARKABLE WHITE HSTF
   OVERALL DIAMETER: .138 TYP., .148 MAX.

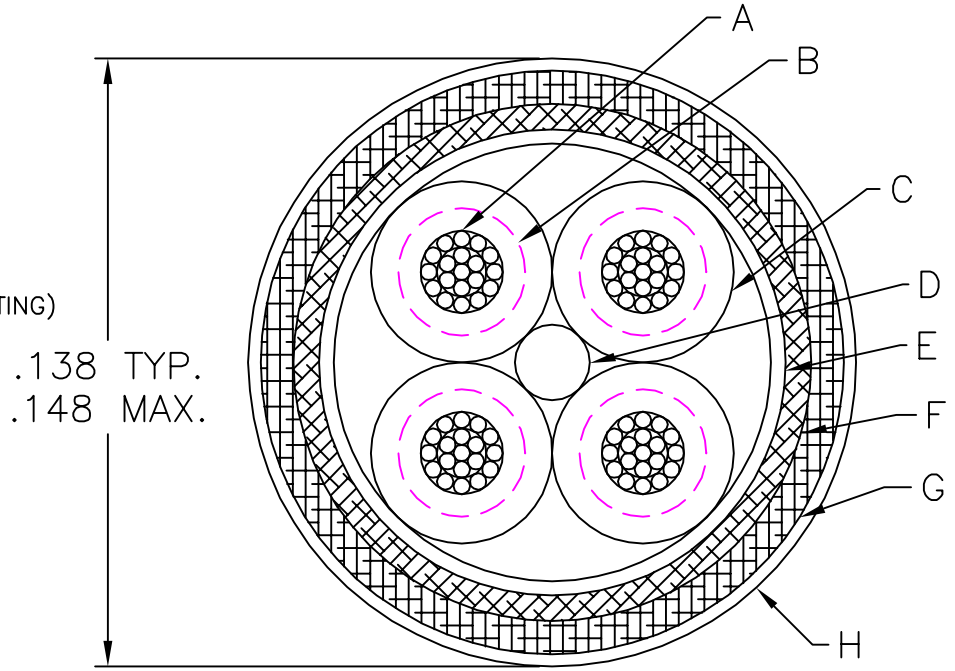
ELECTRICAL REQUIREMENTS (MEASURED ON 50 FT SAMPLE):

1. IMPEDANCE: 110 +6/–4 OHMS MEASURED DIFFERENTIALLY
2. CAPACITANCE: 11.0 ± 1.0 pf/ft (BETWEEN PAIRS, GROUND FLOATING)
3. TIME DELAY: 1.25 ns/ft NOM.
4. ATTENUATION: 9.0 dB/100 ft MAX. @ 100 MHz
   14.2 dB/100 ft MAX. @ 250 MHz
   20.2 dB/100 ft MAX. @ 500 MHz
   29.5 dB/100 ft MAX. @ 1 GHz
5. DIELECTRIC WITHSTANDING VOLTAGE:
   1500 Vrms (CONDUCTOR/CONDUCTOR)
   1000 Vrms (CONDUCTOR/SHIELD)
6. SKEW: 200 ps/50 ft MAX. WITHIN PAIR

OTHER REQUIREMENTS:

1. WEIGHT: 22.2 lbs./ 1000 ft. MAX.
2. TEMPERATURE: –55 TO +200 C°
3. FUNCTIONAL CHARACTERISTICS: MEETS OR
   EXCEEDS NEMA–WC27500 SECTION 3.8

REVISIONS			
REV	DESCRIPTION	DATE	CHG'D BY
A	PRODUCTION RELEASE	12 OCT 2006	-



THIS IS NOT A CONTROLLED DOCUMENT

ALL NOMINAL DIMENSIONS HAVE A TOLERANCE OF ± 10%

DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

DEBURR SHARP EDGES

Third Angle Projection

INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R1999)

UNLESS OTHERWISE SPECIFIED

.X	±	n/a
.XX	±	n/a
.XXX	±	n/a
.XXXX	±	n/a
FRACTIONS	±	n/a
ANGLES	±	n/a
SURFACE TEXTURE		n/a
BREAKS AND FILLETS	n/a	MAX

W. L. GORE & ASSOCIATES, INC. (Gore)
Electronic Products Division
NEWARK, DELAWARE 19711 302/738-4880

Title: 110 OHM QUAD CABLE, AWG 26

Dwg Size	Sheet	Scale	Checked By	Drawn By	
A	1 of 1	20:1		ECL	12 OCT 2006

Rev Date	Drawing Number	Rev Level
12 OCT 2006	RCN 8697	A