

CONSTRUCTION:

- A. TWISTED SINGLES (2 PLACES)
 CONDUCTOR: AWG 24(19 / 36) SILVER PLATED COPPER ALLOY
 INSULATION: ePTFE / PTFE
 COLORS: WHITE x BLUE, O.D. PER SINGLE (0.061) [(1.55) mm]
- B. OVERALL SHIELD: AWG 40(1) SPC BRAID 92% MINIMUM COVERAGE
- C. OVERALL JACKET: (0.003) [(0.076) mm] WALL EF100 PTFE
 COLOR: LASER MARKABLE WHITE
 MARKING: W L GORE AND ASSOCIATES INC
 PART NUMBER DXN2602
 CAGE CODE [CAGE CODE]
 FUNCTIONAL CHARACTERISTICS:
 MEETS OR EXCEEDS NEMA-WC27500 SECTION 3.9

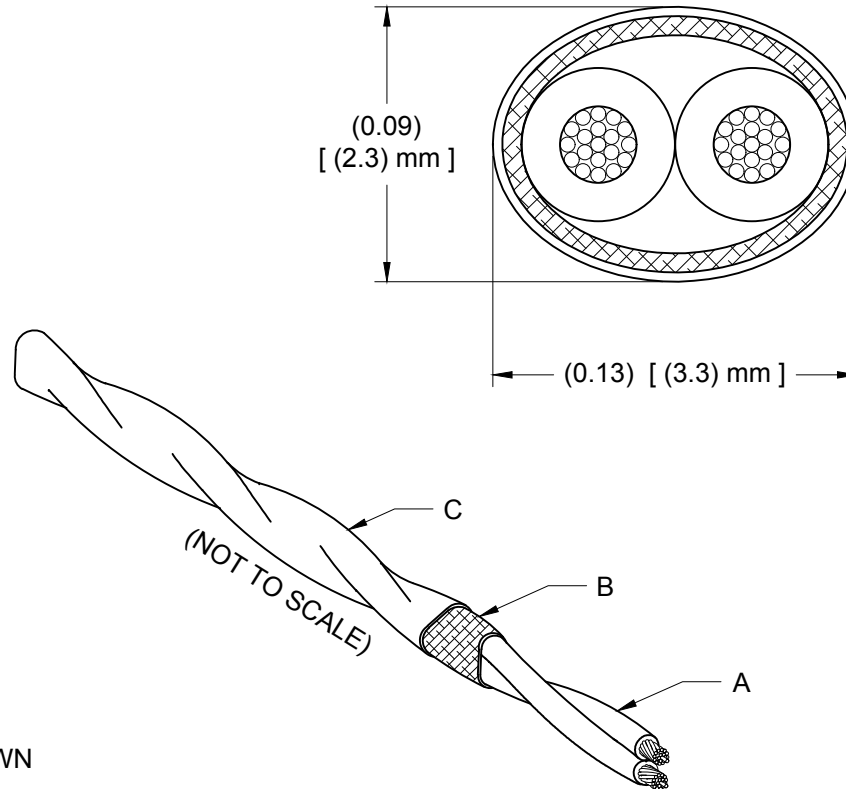
ELECTRICAL REQUIREMENTS:

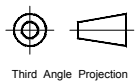

- 1. IMPEDANCE: 100±10 Ω MEASURED DIFFERENTIALLY
 - 2. TIME DELAY: (1.24) nSEC / FT [(4.07) nSEC / m]
 - 3. VOLTAGE RATING: 500 V
 - 4. VELOCITY OF PROPAGATION: (80%)
 - 5. CAPACITANCE: (13) pF / FT [(42.6) pF / m]
 - 6. TYPICAL ATTENUATION: 7.6 dB / 100 FT @ 100 MHz
 10.7 dB / 100 FT @ 200 MHz
 17.3 dB / 100 FT @ 500 MHz
 25.0 dB / 100 FT @ 1 GHz
- ATTENUATIONS NOT TO EXCEED +10% OF VALUES SHOWN

NOTES:

- 1. MINIMUM BEND RADIUS: 0.64 [16.2 mm]
- 2. WEIGHT: (11.3) LBS / 1000 FT [(16.8) Kg / Km]
- 3. OPERATING TEMPERATURE: -55° C TO +200° C

REVISIONS			
Rev	Description	Date	Chg'd By
A	PRODUCTION RELEASE T.Sharp	18 SEP 2013	DED
B	Update Mechanical and Electrical Data per T.Sharp	08 NOV 2013	DED
C	EM2 ECO - 7322 M.Frantz and Update Mechanical and Electrical Data per T.Sharp	15 DEC 2016	DED
D	EM2 ECO - 7349 M.Frantz	19 JAN 2017	TKG



PARENTHESES DENOTE REFERENCE DIMENSIONS 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) Performance Solutions Division 380 Starr Road, Landenberg, PA 19350 610 / 268-1000 © 2013, 2017 W. L. Gore & Associates, Inc. By acceptance of this document you agree that all rights to drawings, specifications, processes and other data contained therein, as well as the proprietary and novel features of the subject matter, are reserved by Gore and are disclosed in confidence. They are not to be manufactured, used, sold or disclosed to others, nor are devices embodying such features or information derived from these disclosures to be used or disclosed, unless and until expressly authorized by Gore. These drawings, specifications, processes, etc., are and remain the property of Gore and are not to be copied or reproduced without express permission, and are to be returned upon request therefor.
AWG 2419 100 Ω SHIELDED TWISTED PAIR			
Dwg Size	Sheet	Scale	Associated Documents
A	1 of 1	16:1	N/A
Rev Date	Drawing Number		Drawn
19 JAN 2017	DXN2602		DED 05 SEP 2013
			Rev Level
			D