

CONSTRUCTION:

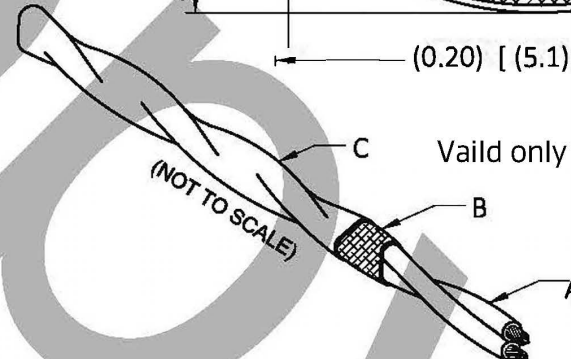
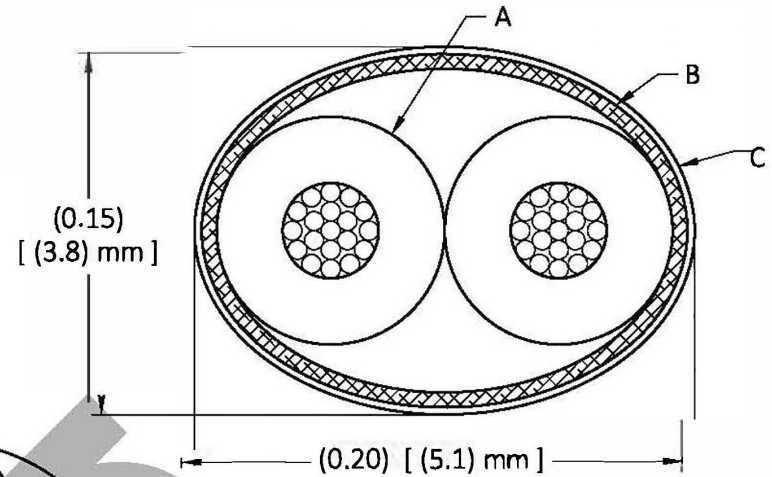
- A. TWISTED SINGLES (2 PLACES)
 CONDUCTOR: AWG 20(19 / 32) SILVER PLATED COPPER
 INSULATION: PTFE OVER ePTFE
 COLORS: WHITE x BLUE, O.D. PER SINGLE (0.094) [(2.39) mm]
 - B. OVERALL SHIELD: AWG 40(1) SPC BRAID 92% MINIMUM COVERAGE
 - C. OVERALL JACKET: (0.003) [(0.076) mm] WALL EF100 PTFE
 COLOR: LASER MARKABLE WHITE
 MARKING: W L GORE AND ASSOCIATES INC
 PART NUMBER DXN2600
 CAGE CODE [CAGE CODE]
- FUNCTIONAL CHARACTERISTICS:
 MEETS OR EXCEEDS NEMA-WC27500 SECTION 3.9

ELECTRICAL REQUIREMENTS:

- 1. IMPEDANCE: $100 \pm 10 \Omega$ MEASURED DIFFERENTIALLY
- 2. TIME DELAY: (1.24) nSEC / FT [(4.07) nSEC / m]
- 3. VELOCITY OF PROPAGATION: (80%)
- 4. CAPACITANCE: (13) pF / FT [(42.6) pF / m]
- 5. TYPICAL ATTENUATION: 4.8 dB / 100 FT @ 100 MHz
 6.8 dB / 100 FT @ 200 MHz
 11.3 dB / 100 FT @ 500 MHz
 16.4 dB / 100 FT @ 1 GHz

ATTENUATIONS NOT TO EXCEED +10% OF VALUES SHOWN

REVISIONS			
Rev	Description	Date	Chg'd By
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
E	EM2 ECO - 9090 T.Mayer	25 JUN 2019	DED



Valid only at time of printing

NOTES:

- 1. MINIMUM BEND RADIUS: 0.98 [25 mm]
- 2. WEIGHT: (21.3) LB / 1000 FT [(31.7) kg / km]
- 3. OPERATING TEMPERATURE: -55° C TO +200° C

PARENTHESES DENOTE REFERENCE DIMENSIONS		GORE		W. L. GORE & ASSOCIATES, INC. (Gore) Performance Solutions Division 101 Lewisville Road, Elkton, MD 21921 410 / 392-3300 © 2013, 2019 W. L. Gore & Associates, Inc.	
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DO NOT SCALE DRAWING	.X ± N/A	Title: AWG 2019 100 Ω SHIELDED TWISTED PAIR			
DEBURR SHARP EDGES	.XX ± N/A	Dwg Size: A	Sheet: 1 of 1	Scale: 12.5:1	Associated Documents: N/A
	.XXX ± N/A	Rev Date: 25 JUN 2019	Drawing Number: DXN2600	Drawn: DED	28 AUG 2013
Third Angle Projection	.XXXX ± N/A	Rev Level: E			
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R1999)	FRACTIONS ± N/A				
	ANGLES ± N/A				
	SURFACE TEXTURE N/A				
	BREAKS AND FILLETS N/A MAX				