

CONSTRUCTION:

A. TWISTED SINGLES (2 PLACES):

CONDUCTOR: AWG 22(19 / 34) SILVER PLATED COPPER ALLOY

INSULATION: PTFE OVER ePTFE

COLORS: WHITE x BLUE, O.D. PER SINGLE (0.080) [(2.03) mm]

B. OVERALL SHIELD: AWG 40(1) SPC BRAID 92% MINIMUM COVERAGE

C. OVERALL JACKET: (0.003) [(0.076) mm] WALL

ENGINEERED FLUOROPOLYMER EF100 PTFE

COLOR: LASER MARKABLE WHITE

MARKING: W L GORE AND ASSOCIATES INC

PART NUMBER DXN2601

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: 6.6 dB / 100 FT @ 100 MHz
9.8 dB / 100 FT @ 200 MHz
15.7 dB / 100 FT @ 500 MHz
23.5 dB / 100 FT @ 1 GHz

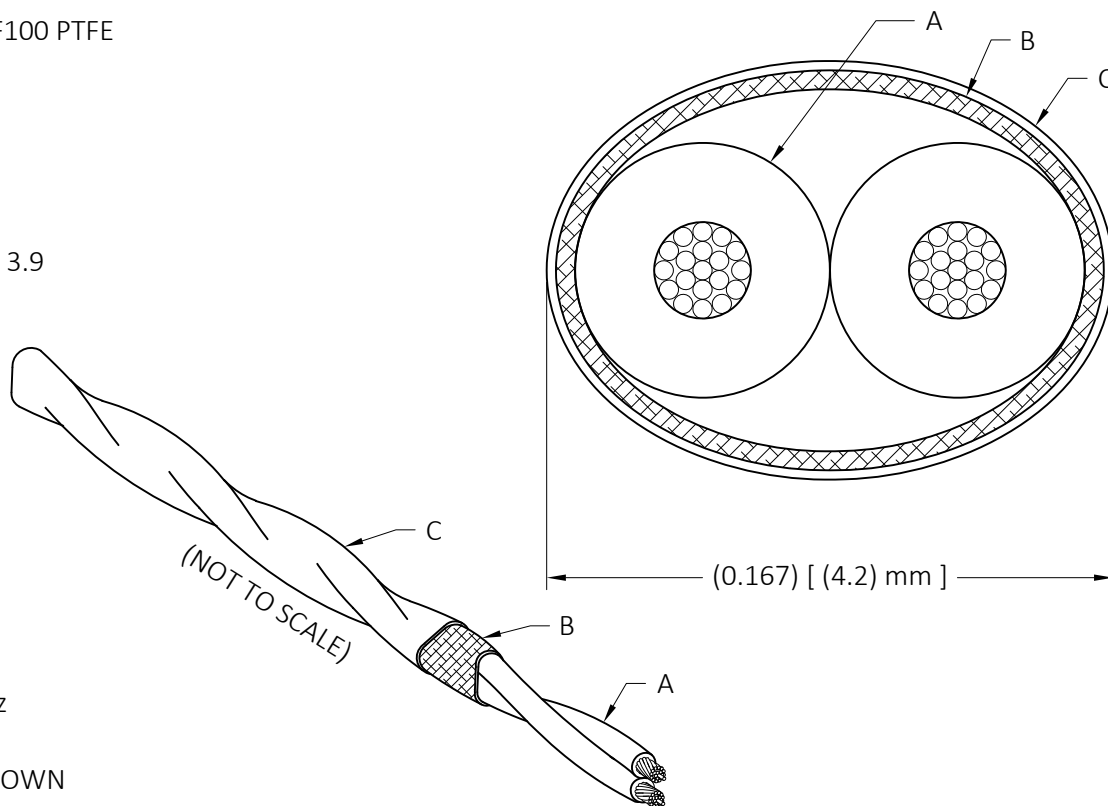
ATTENUATIONS NOT TO EXCEED +10% OF VALUES SHOWN

NOTES:

1. MINIMUM BEND RADIUS: 0.75 [19.1 mm]
2. WEIGHT: (16.1) LB / 1000 FT [(24.0) kg / km]
3. OPERATING TEMPERATURE: -55° C TO +200° C

REVISIONS

Rev	Description	Date	Chg'd By
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 - 9111 T.Mayer	10 JUL 2019	TKG
F	EM2 ECO - 10850 A.Battipaglia	29 MAR 2022	DED



PARENTHESES DENOTE REFERENCE DIMENSIONS	
DIMENSIONS ARE IN INCHES	UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING	.X ± N/A
DEBURR SHARP EDGES	.XX ± N/A
	.XXX ± N/A
	.XXXX ± N/A
	FRACTIONS ± N/A
	ANGLES ± N/A
Third Angle Projection	SURFACE TEXTURE N/A ✓
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R1999)	BREAKS AND FILLETS N/A MAX



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Title				
AWG 2219 100 Ω SHIELDED TWISTED PAIR				
Dwg Size	Sheet	Scale	Associated Documents	Drawn
A	1 of 1	16:1	N/A	DED
Rev Date	Drawing Number		Rev Level	
29 MAR 2022	DXN2601		F	