

CONSTRUCTION:

A. TWISTED SINGLES (2 PLACES)

CONDUCTOR: AWG 28(19 / 40) SILVER PLATED COPPER ALLOY

INSULATION: PTFE OVER ePTFE

COLORS: WHITE x BLUE, O.D. PER SINGLE (0.035) [(0.89) 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 DXN2604

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: (1.28) nSEC / FT [(4.20) nSEC / m]
3. VELOCITY OF PROPAGATION: (80%)
4. CAPACITANCE: (13) pF / FT [(42.6) pF / m]
5. TYPICAL ATTENUATION: 13.2 dB / 100 FT @ 100 MHz
19.2 dB / 100 FT @ 200 MHz
32.0 dB / 100 FT @ 500 MHz
46.8 dB / 100 FT @ 1 GHz

ATTENUATIONS NOT TO EXCEED +10% OF VALUES SHOWN

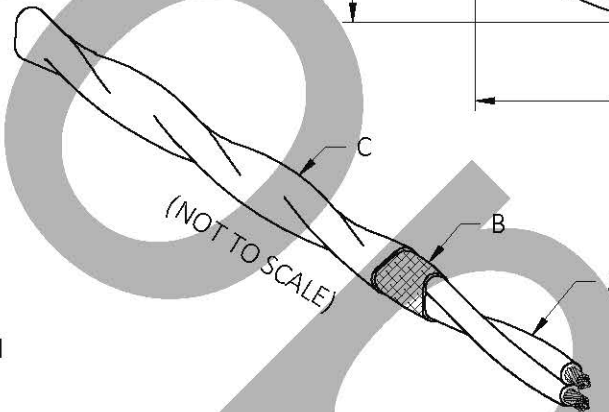
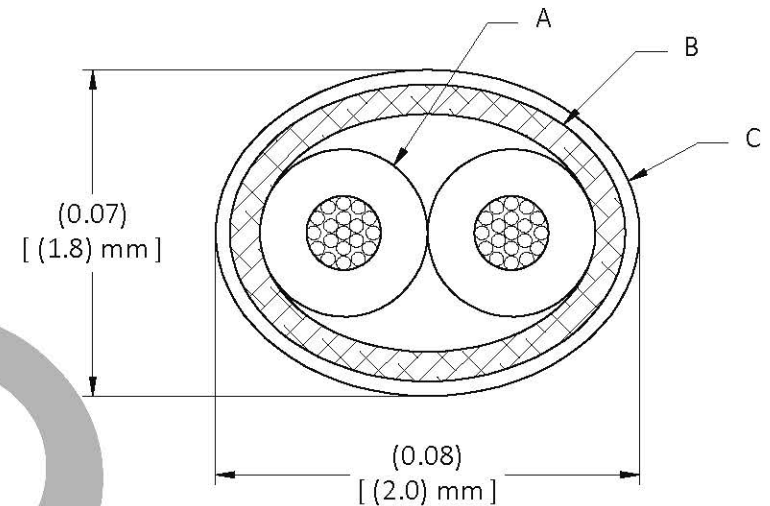
NOTES:

1. MINIMUM BEND RADIUS: 0.39 [9.9 mm]
2. WEIGHT: (5.8) LB / 1000 FT [(8.6) kg / km]
3. OPERATING TEMPERATURE: -55° C TO +200° C

Valid only at time of printing

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 - 7439 M.Frantz	19 JAN 2017	TKG
E	EM2 ECO - 9111 T.Mayer	10 JUL 2019	TKG



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DEBURR SHARP EDGES	.X ± N/A	Title	
	.XX ± N/A	AWG 2819 100 Ω SHIELDED TWISTED PAIR	
	.XXX ± N/A	Dwg Size	Sheet
	.XXXX ± N/A	A	1 of 1
Third Angle Projection	FRACTIONS ± N/A	Scale	25:1
	ANGLES ± N/A	Associated Documents	N/A
	SURFACE TEXTURE N/A	Drawn	DED
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R11999)	BREAKS AND FILLETS N/A MAX	Rev Date	10 JUL 2019
		Drawing Number	DXN2604
		Rev Level	E