

CONSTRUCTION:

- A. TWISTED SINGLES (2 PLACES)
- CONDUCTOR: AWG 28(19 / 40) SILVER PLATED COPPER ALLOY
- INSULATION: ePTFE / PTFE
- 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 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. VOLTAGE RATING: 500 V
4. VELOCITY OF PROPAGATION: (80%)
5. CAPACITANCE: (13) pF / FT [(42.6) pF / m]
6. 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

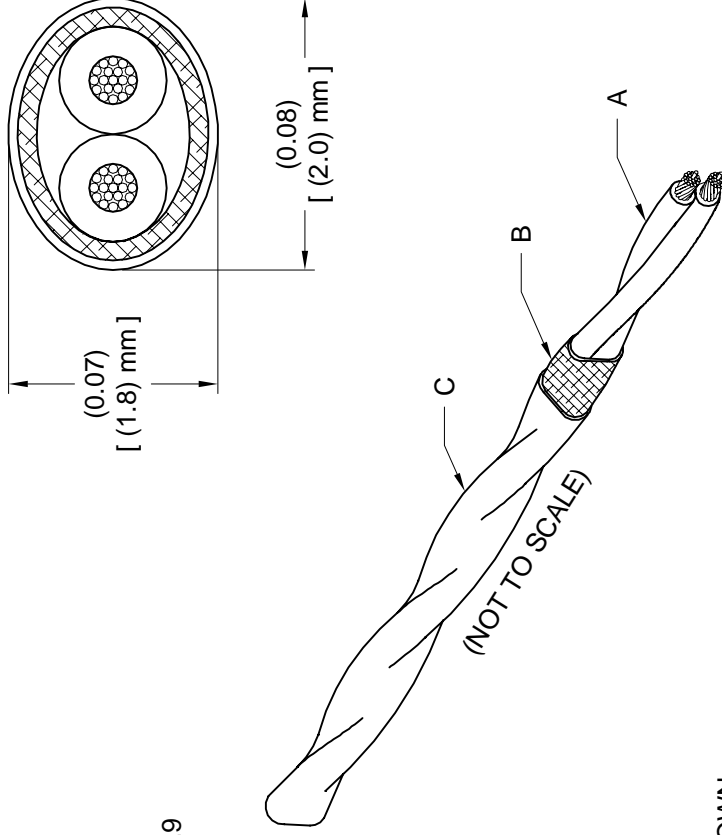
ATTENUATIONS NOT TO EXCEED +10% OF VALUES SHOWN

NOTES:

1. MINIMUM BEND RADIUS: 0.39 [9.9 mm]
2. WEIGHT: (5.8) LBS / 1000 FT [(8.6) 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 - 7439 M.Frantz	19 JAN 2017	TKG



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Title		Associated Documents		Drawn
Dwg Size	Sheet	Scale	Scale	
A	1 of 1	16:1	N/A	DED
Rev Date	Drawing Number			
19 JAN 2017	DXN2604			
				05 SEP 2013
				Rev Level
				D

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