

CONSTRUCTION:

A. TWISTED SINGLES (2 PLACES)

CONDUCTOR: AWG 30(19 / 42) SILVER PLATED COPPER ALLOY

INSULATION: PTFE OVER ePTFE

COLORS: WHITE x BLUE

O.D. PER SINGLE (0.035 [0.89mm])

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

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

ENGINEERED FLUOROPOLYMER EF100 PTFE

COLOR: LASER MARKABLE WHITE

MARKING: W. L. GORE & ASSOCIATES, INC.

PART NUMBER DXN2605

CAGE CODE [CAGE CODE]

FUNCTIONAL CHARACTERISTICS:

MEETS OR EXCEEDS NEMA-WC27500 SECTION 3.9

ELECTRICAL REQUIREMENTS:

1. IMPEDANCE: 100 $\pm$ 10 Ω MEASURED DIFFERENTIALLY

2. TIME DELAY: (1.30) nSEC / FT [(4.27) nSEC / m]

3. VELOCITY OF PROPAGATION: (80%)

4. CAPACITANCE: (11) pF / FT [(36.1) pF / m]

5. TYPICAL ATTENUATION: 20.9 dB / 100 FT @ 100 MHz

23.6 dB / 100 FT @ 200 MHz

38.3 dB / 100 FT @ 500 MHz

56.9 dB / 100 FT @ 1 GHz

ATTENUATIONS NOT TO EXCEED +10% OF VALUES SHOWN

NOTES:

1. MINIMUM BEND RADIUS: 0.35 [8.9mm]

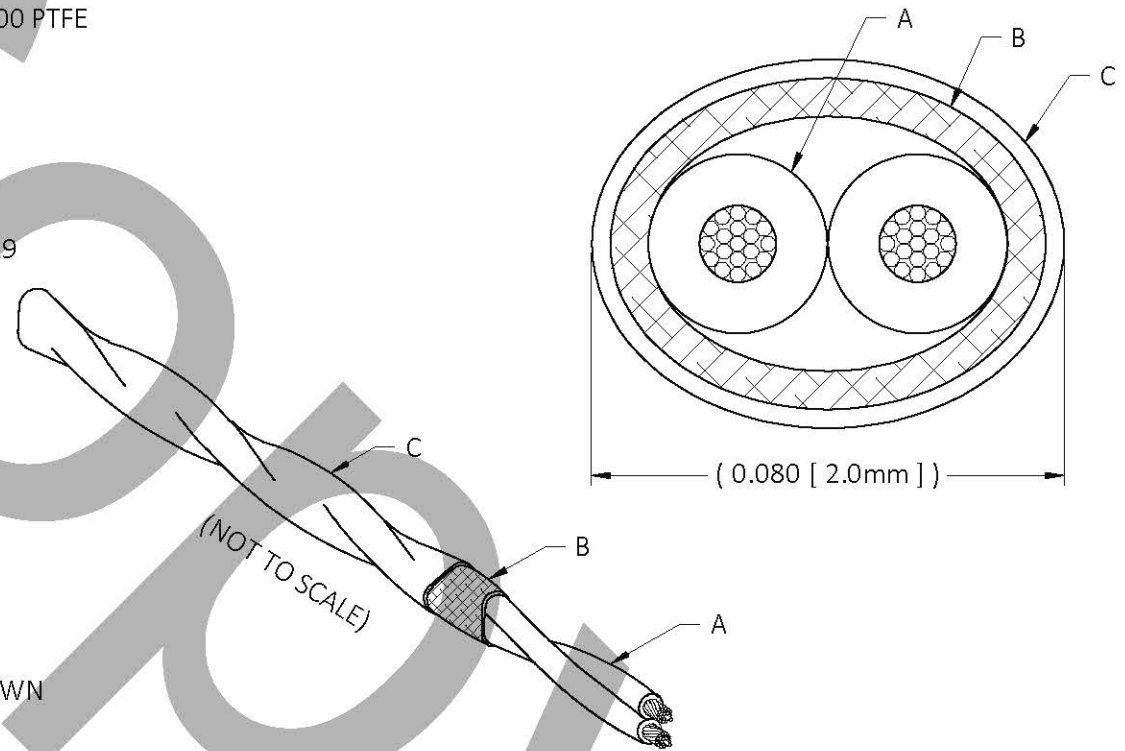
2. WEIGHT: (5.3) LB / 1000 FT [(7.9) kg / km]

3. OPERATING TEMPERATURE: -55° C TO +200° C

Valid only at time of printing

REVISIONS

Rev	Description	Date	Chg'd By
C	Update Electrical Data Per G.Lawton Update Mechanical and Electrical Data Per T.Sharp Update Const A Insulation per K.Ritchie	10 NOV 2014	DED
D	Update Construction A Per DCR M.Peterson	18 DEC 2014	GBA
E	EM2 ECO - 7322 M.Frantz	15 DEC 2016	DED
F	EM2 ECO - 7439 M.Frantz	19 JAN 2017	TKG
G	EM2 ECO - 9111 T.Mayer	10 JUL 2019	TKG
H	EM2 ECO - 10520 A.Battipaglia	20 SEP 2021	TKG



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



W. L. GORE & ASSOCIATES, INC. (Gore)

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Title AWG 30/19 100 Ω SHIELDED TWISTED PAIR				
Dwg Size A	Sheet 1 of 1	Scale 32:1	Associated Documents N/A	Drawn DED
Rev Date 20 SEP 2021	Drawing Number DXN2605		Rev Level H	