

CONSTRUCTION: QUAD CABLE

A. SINGLES (4 PLACES):

CONDUCTOR: AWG 26(19 / 38)

SILVER PLATED HIGH STRENGTH COPPER ALLOY

INSULATION: PTFE OVER ePTFE

0.042 MAX OD PER SINGLE

COLORS: RED x GREEN, BLUE x ORANGE

B. FILLER: FEP (0.015) OD

C. BINDER: ePTFE

D. SHIELD: AWG 38(1) SPC BRAID 92% MIN COVERAGE

E. JACKET: 0.003 MIN WALL LASER MARKABLE WHITE ENGINEERED FLUOROPOLYMER (EF100)

ELECTRICAL REQUIREMENTS (MEASURED ON 50 FT SAMPLE):

1. IMPEDANCE: $100 \pm 10 \Omega$ MEASURED DIFFERENTIALLY
2. CAPACITANCE: (12.0) pF / FT (BETWEEN PAIRS, GROUND FLOATING)
3. TIME DELAY: (1.29) nSEC / FT
4. ATTENUATION: 10.0 dB / 100 FT MAX @ 100 MHz
16.0 dB / 100 FT MAX @ 250 MHz
23.0 dB / 100 FT MAX @ 500 MHz
34.0 dB / 100 FT MAX @ 1 GHz
5. DIELECTRIC WITHSTANDING VOLTAGE:
1500 V_{RMS} (CONDUCTOR / CONDUCTOR)
1000 V_{RMS} (CONDUCTOR / SHIELD)
6. SKEW: 200 pSEC / 50 FT MAX WITHIN PAIR

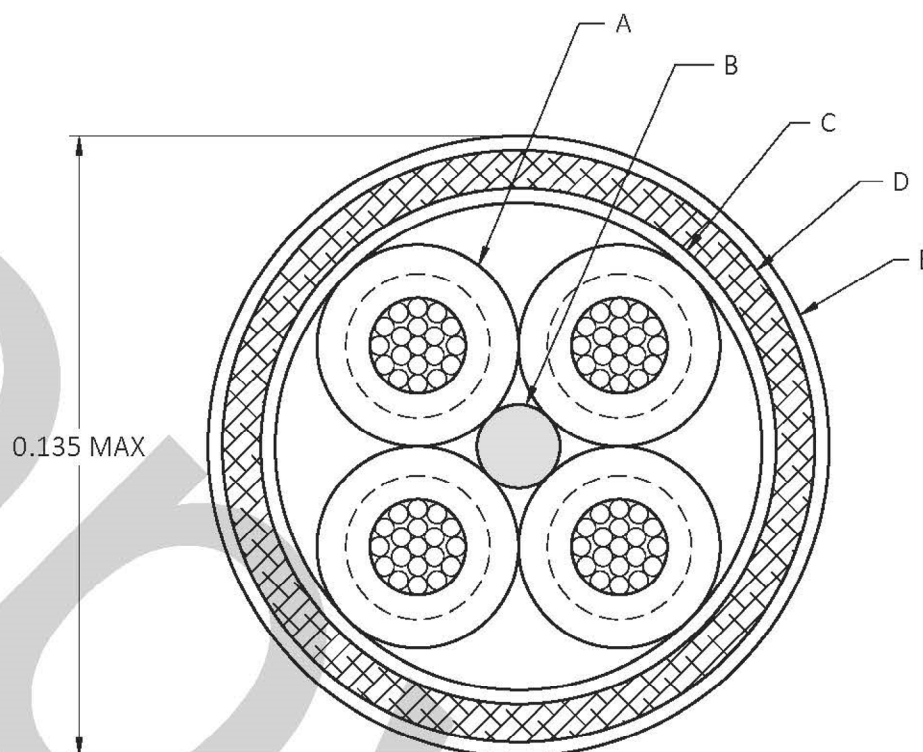
NOTES:

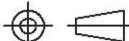
1. WEIGHT: 21.0 LB / 1000 FT MAX
2. TEMPERATURE: -55° C TO +200° C
3. MARKING: W L GORE AND ASSOCIATES INC
PART NUMBER [PART NUMBER]
CAGE CODE [CAGE CODE]
4. FUNTIONAL CHARACTERISTICS:
MEETS OR EXCEEDS NEMA - WC27500 SECTION 3.9

Valid only at time of printing

REVISIONS

Rev	Description	Date	Chg'd By
A	Production Release EM2 SPEC - 9270	14 SEP 2010	ECL
B	EM2 ECO - 8223 G.Lawton	15 JUN 2018	TKG
C	EM2 ECO - 8734 N.Reyes	08 FEB 2019	TKG
D	EM2 ECO - 8873 T.Mayer	22 MAR 2019	TKG
E	EM2 ECO - 11172 A.Battipaglia	15 NOV 2022	DED



PARENTHESES DENOTE REFERENCE DIMENSIONS				
DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE SPECIFIED		
DO NOT SCALE DRAWING	.X		±	N/A
	.XX		±	N/A
	.XXX		±	N/A
	.XXXX		±	N/A
DEBURR SHARP EDGES	FRACTIONS		±	N/A
	ANGLES		±	N/A
		Third Angle Projection		
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R1999)		SURFACE TEXTURE		N/A ✓
BREAKS AND FILLETS		N/A		MAX
				
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Title AWG 2619 100 Ω QUAD CABLE				
Dwg Size A	Sheet 1 of 1	Scale 25:1	Associated Documents N/A	Drawn ECL
Rev Date 15 NOV 2022	Drawing Number RCN8982		30 APR 2010	
		RevLevel E		