

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)**

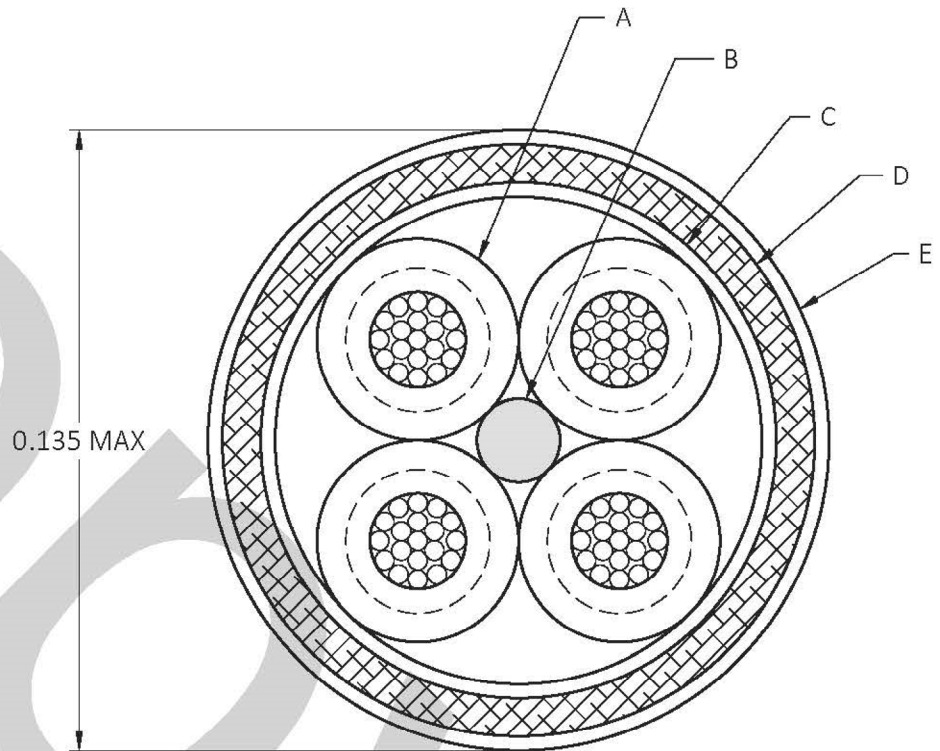
ELECTRICAL REQUIREMENTS (MEASURED ON 50 FT SAMPLE):

1. IMPEDANCE: 100 ±10 Ω 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

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
DEBURR SHARP EDGES	.XX ± N/A
	.XXX ± N/A
	.XXXX ± N/A
	FRACTIONS ± N/A
	ANGLES ± N/A
	SURFACE TEXTURE N/A ✓
	BREAKS AND FILLETS N/A MAX



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Title					
AWG 2619 100 Ω QUAD CABLE					
Dwg Size	Sheet	Scale	Associated Documents	Drawn	30 APR 2010
A	1 of 1	25:1	N/A	ECL	
Rev Date	Drawing Number		RevLevel		
15 NOV 2022	RCN8982		E		

Valid only at time of printing