

CONSTRUCTION: QUAD CABLE

A. SINGLES (4 PLACES):

CONDUCTOR: AWG 26(19 / 38) SILVER PLATED
HIGH STRENGTH COPPER ALLOY

INSULATION: PTFE OVER ePTFE

0.044 MAX DIAMETER PER SINGLE

COLORS: RED x GREEN, BLUE x ORANGE

B. FILLER: FEP, (0.015) DIAMETER

C. BINDER: ePTFE

D. SHIELD #1: AWG 40(1) SPC BRAID 92% MINIMUM COVERAGE

E. SHIELD #2: AWG 38(1) SPC BRAID 92% MINIMUM COVERAGE

F. JACKET: 0.003 MINIMUM WALL LASER MARKABLE WHITE HSTF

ELECTRICAL REQUIREMENTS (MEASURED ON 50 FT SAMPLE):

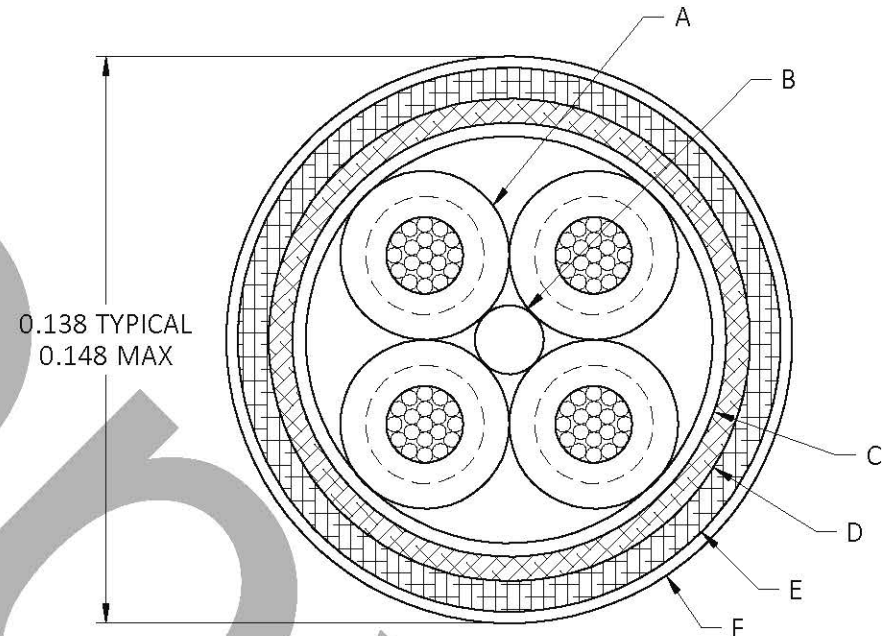
1. IMPEDANCE: $110^{+6}_{-4} \Omega$ MEASURED DIFFERENTIALLY
2. CAPACITANCE: 11.0 ± 1.0 pF / FT
(BETWEEN PAIRS, GROUND FLOATING)
3. TIME DELAY: (1.25) nSEC / FT
4. ATTENUATION: 9.0 dB / 100 FT MAX @ 100 MHz
14.2 dB / 100 FT MAX @ 250 MHz
20.2 dB / 100 FT MAX @ 500 MHz
29.5 dB / 100 FT MAX @ 1 GHz
5. DIELECTRIC WITHSTANDING VOLTAGE:
1500 V_{RMS} (CONDUCTOR / CONDUCTOR)
1000 V_{RMS} (CONDUCTOR / SHIELD)
6. SKEW: 200 pSEC / 50 FT MAX WITHIN PAIR

OTHER REQUIREMENTS:

1. WEIGHT: 22.2 LB / 1000 FT MAXIMUM
2. TEMPERATURE: -55° C TO +200° C
3. MARKING: W L GORE AND ASSOCIATES INC
PART NUMBER [PART NUMBER]
CAGE CODE [CAGE CODE]
4. FUNCTIONAL CHARACTERISTICS: MEETS OR
EXCEEDS NEMA - WC27500 SECTION 3.9

REVISIONS

Rev	Description	Date	Chg'd By
A	PRODUCTION RELEASE	30 MAR 2006	-
B	Impedance And Capacitance Change	05 MAY 2006	ECL
C	EM2 ECO - 8259 T.Mayer EM2 ECO - 8734 N.Reyes	26 JUN 2018 08 FEB 2019	TKG
D	EM2 ECO - 8873 T.Mayer	22 MAR 2019	TKG



Valid only at time of printing

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DO NOT SCALE DRAWING	.X ± N/A .XX ± N/A .XXX ± N/A .XXXX ± N/A	Title AWG 2619 110 Ω QUAD CABLE			
DEBURR SHARP EDGES	FRACTIONS ± N/A ANGLES ± N/A	Dwg Size A	Sheet 1 of 1	Scale 20:1	Associated Documents N/A
Third Angle Projection	SURFACE TEXTURE N/A BREAKS AND FILLETS N/A MAX	Rev Date 22 MAR 2019	Drawn ECL	Drawing Number RCN8652	30 MAR 2006
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R1999)				Rev Level D	