

CONSTRUCTION: QUAD CABLE

A. SINGLES (4 PLACES):

CONDUCTOR: AWG 22(19 / 34) SILVER PLATED COPPER

INSULATION: PTFE OVER ePTFE

0.054 MAX DIAMETER PER SINGLE

COLORS: RED x GREEN, BLUE x ORANGE

B. FILLER: FEP, (0.022) 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 MIN WALL LASER MARKABLE WHITE HSTF

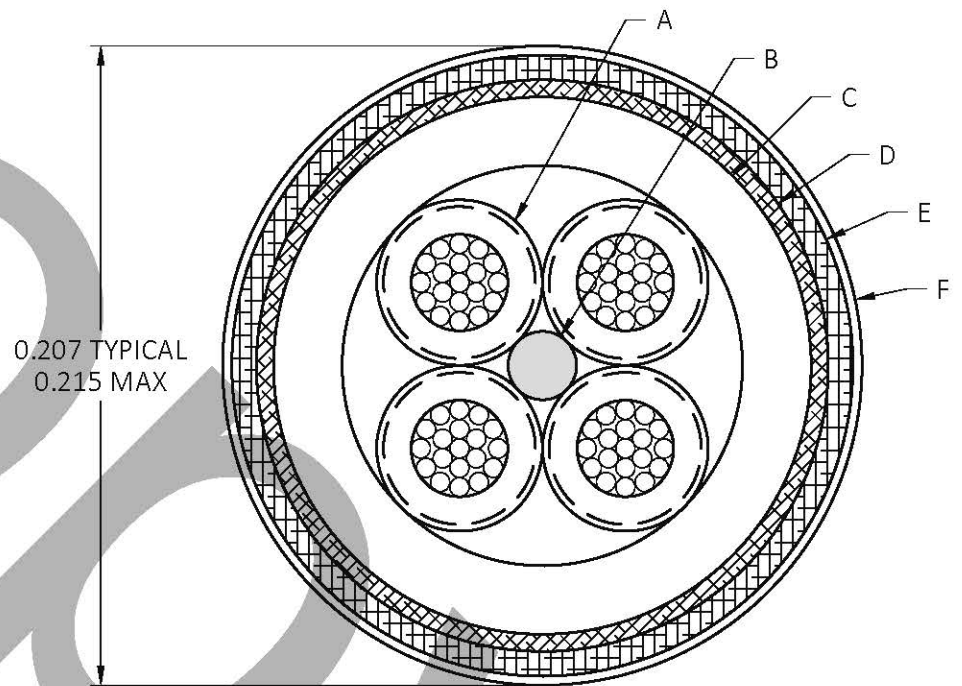
ELECTRICAL REQUIREMENTS (MEASURED ON 50 FT SAMPLE):

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: 5.5 dB / 100 FT MAX @ 100 MHz
8.8 dB / 100 FT MAX @ 250 MHz
12.8 dB / 100 FT MAX @ 500 MHz
18.2 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

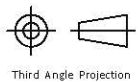

OTHER REQUIREMENTS:

1. WEIGHT: 41.0 LB / 1000 FT MAX
2. TEMPERATURE: -55° TO +200° C
3. MARKING:
W. L. GORE & 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
C	Capacitance Change PMWPS - 5305	05 MAY 2006	ECL
D	EM2 ECO - 7297 K.Ritchie	06 DEC 2016	DED
E	EM2 ECO - 8259 T.Mayer EM2 ECO - 8734 N.Reyes	02 JUL 2018 08 FEB 2019	TKG
F	EM2 ECO - 8873 T.Mayer	22 MAR 2019	TKG
G	EM2 ECO - 9401 L.Mastrorilli	19 NOV 2019	TKG
H	EM2 ECO - 10319 L.Daitzman	23 APR 2021	DED



Valid only at time of printing

PARENTHESES DENOTE REFERENCE DIMENSIONS DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING DEBURR SHARP EDGES  Third Angle Projection INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R1999)		UNLESS OTHERWISE SPECIFIED .X ± N/A .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		 W. L. GORE & ASSOCIATES, INC. (Gore) Performance Solutions Division 101 Lewisville Road, Elkton, MD 21921 410 / 392-3300 © 2006, 2021 W. L. Gore & Associates, Inc. By acceptance of this document you agree that all rights to drawings, specifications, processes and other data contained therein, as well as the proprietary and novel features of the subject matter, are reserved by Gore and are disclosed in confidence. They are not to be manufactured, used, sold or disclosed to others, nor are devices embodying such features or information derived from these disclosures to be used or disclosed, unless and until expressly authorized by Gore. These drawings, specifications, processes, etc., are and remain the property of Gore and are not to be copied or reproduced without express permission, and are to be returned upon request therefor.	
Title: AWG 2219 110 Ω QUAD CABLE					
Dwg Size	Sheet	Scale	Associated Documents	Drawn	Rev Date
A	1 of 1	16:1	N/A	ECL	23 APR 2021
Drawing Number			RevLevel		
RCN8645			H		