

8 7 6 5 4 3 2 1

CONSTRUCTION:

- A. SHIELDED TWISTED PAIR (4 PLACES)
 - CONDUCTOR: AWG 26 (19 / 38) SILVER PLATED ALLOY (2 PLACES)
 - INSULATION: PTFE OVER ePTFE (0.052 [1.32]) DIAMETER (2 PLACES)
 - COLORS: BU x WH/BU, OR x WH/OR, GN x WH/GN, BN x WH/BN
 - PAIR SHIELD: ALUMINIZED POLYIMIDE (ALUMINUM OUT)
- B. OVERALL SHIELD: AWG 40(1) SPC BRAID 92% MINIMUM COVERAGE
- C. OVERALL JACKET:
 - WHITE LASER MARKABLE ENGINEERED FLUOROPOLYMER EF100 (0.004) WALL
- D. FILLER: FEP / ePTFE (0.037 [0.94]) DIAMETER

ELECTRICAL REQUIREMENTS:

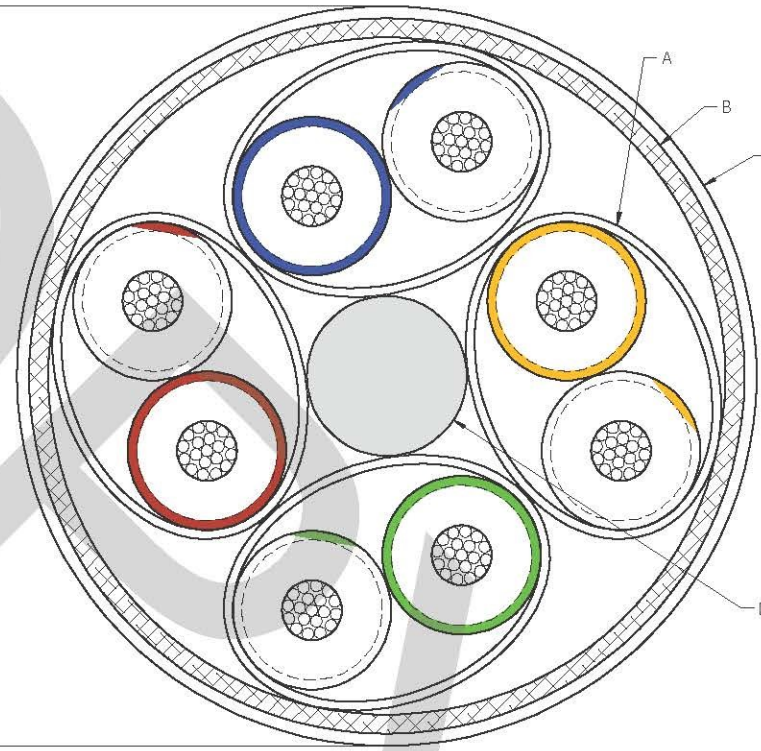
1. IMPEDANCE: $100 \pm 10 \Omega$ MEASURED DIFFERENTIALLY
2. TIME DELAY: (1.35) nSEC / FT [(4.43) nSEC / m]
3. CAPACITANCE: (12.5) pF / FT [(41.0) pF / m]
4. ATTENUATION (MAXIMUM) PER 59 FT [18 m]:
 - 3.9 dB @ 50 MHz
 - 5.6 dB @ 100 MHz
 - 8.9 dB @ 250 MHz
 - 12.8 dB @ 500 MHz
 - 18.6 dB @ 1000 MHz
 - 23.2 dB @ 1500 MHz
 - 27.2 dB @ 2000 MHz
5. NEXT (MINIMUM):
 - 49.8 dB @ 50 MHz
 - 45.3 dB @ 100 MHz
 - 39.3 dB @ 250 MHz
 - 34.8 dB @ 500 MHz
 - 30.3 dB @ 1000 MHz
 - 27.7 dB @ 1500 MHz
 - 25.8 dB @ 2000 MHz

NOTES:

1. BRACKETED [] DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
2. MARKING PER NEMA-WC27500 SECTION 3.10.2:
 - PART NUMBER RCN9235-26 CAGE CODE [CAGE CODE]
3. OPERATING TEMPERATURE: -85° F TO +392° F [-65° C TO +200° C]
4. WEIGHT: NOMINAL: 32 LB / 1000 FT [47.6 kg / km]
 - MAXIMUM: 35 LB / 1000 FT [52.1 kg / km]
5. ELECTRICAL CHARACTERISTICS TO BE TESTED AT INDICATED LENGTH
6. MINIMUM SHIP LENGTH: 59 FT [18 m]
7. THIS CABLE MEETS TIA568.2D, CATEGORY 8 ELECTRICAL HORIZONTAL REQUIREMENTS FROM 50 MHz - 2000 MHz UP TO 59 FT [18 m]
8. REACH AND RoHS COMPLIANT

0.215 [5.46] TYPICAL
0.220 [5.59] MAX

REVISIONS			
Rev	Description	Date	Chg'd By
D1	Initial Release EM2 SPEC - 14255 G.Lawton	14 MAY 2020	DED
A	EM2 ECO - 9857 T.Mayer	13 AUG 2020	DED
B	EM2 ECO - 10348 T.Mayer	17 MAY 2021	DED
C	EM2 ECO - 10437 T.Mayer	28 JUL 2021	TKG
D	EM2 ECO - 10541 T.Mayer	04 OCT 2021	TKG



Valid only at time of printing

8 7 6 5 4 3 2 1

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 (2018) (PL1999)		UNLESS OTHERWISE SPECIFIED: .XX ± N/A .XXX ± N/A .XXXX ± N/A FRACTIONS ± N/A ANGLES ± N/A SURFACE TEXTURE N/A BREAK AND FILLETS N/A MAX		W. L. GORE & ASSOCIATES, INC. (Gore) Performance Solutions Division 101 Lewisville Road, Elkhart, MD 21521 410 / 392-3300 © 2020 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 used or disclosed, copied or reproduced in any form or by any means, without the prior written permission of W. L. Gore & Associates, Inc. This drawing, specification, process, etc. are the property of Gore and are not to be copied or reproduced without express permission, and are to be returned upon request thereof.	
Title: AWG 2619 CATEGORY 8 HIGH SPEED DATA CABLE					
Drawn	Scale	Associated Documents	Drawn	Rev Level	
B	1 of 1	25:1	N/A	DED	11 NOV 2015
Rev Date	Drawing Number				
04 OCT 2021	RCN9235-26		D		