

CONSTRUCTION:

A. SHIELDED TWISTED PAIR (4 PLACES)

CONDUCTOR: AWG 26(19 / 38) SPAL (2 PLACES)

INSULATION: PTFE OVER ePTFE (2 PLACES)

(0.050) DIAMETER

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 EF100

(0.004) WALL

D. FILLER: ePTFE OVER FEP (0.036) DIAMETER (1 PLACE)

ELECTRICAL REQUIREMENTS:

1. IMPEDANCE: $100 \pm 10 \Omega$ MEASURED DIFFERENTIALLY

2. TIME DELAY: (1.24) nSEC / FT

3. CAPACITANCE: (12.5) pF / FT

4. MAXIMUM ATTENUATION: 5.9 dB / 65 METERS @ 10 MHz
19.1 dB / 65 METERS @ 100 MHz
27.6 dB / 65 METERS @ 200 MHz
31.1 dB / 65 METERS @ 250 MHz
45.3 dB / 65 METERS @ 500 MHz

5. NEXT (MAXIMUM): -74.3 dB @ 1 MHz

-59.2 dB @ 10 MHz

-52.3 dB @ 100 MHz

-47.9 dB @ 250 MHz

-42.2 dB @ 500 MHz

NOTES:

1. LASER MARK CABLE WITH PART NUMBER RCN9047-26 AND CAGE CODE

2. OPERATING TEMPERATURE: -65° C TO +200° C

3. WEIGHT: 29.5 LB NOMINAL / 1000 FT

33.0 LB MAXIMUM / 1000 FT

4. ELECTRICAL CHARACTERISTICS TO BE TESTED AT INDICATED LENGTH

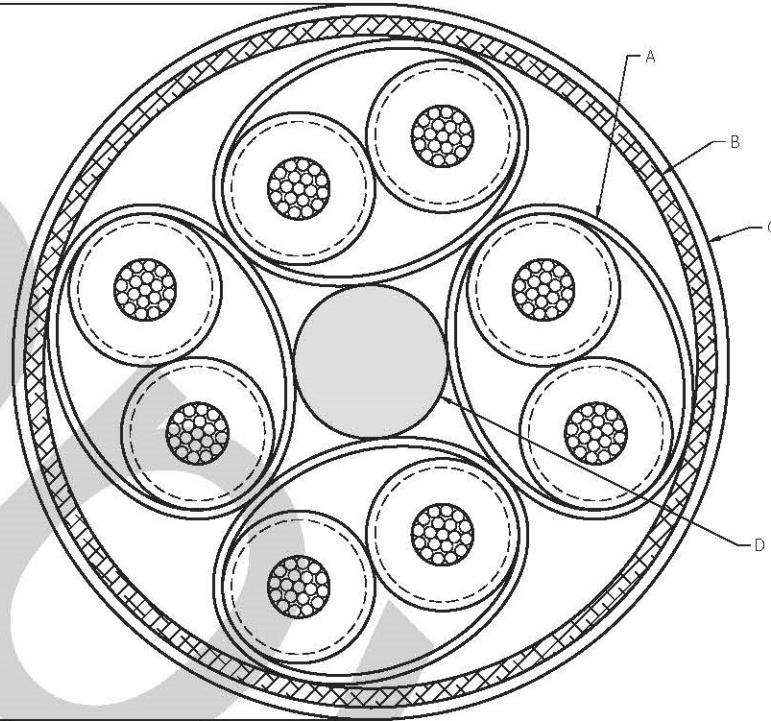
5. MINIMUM SHIP LENGTH IS 30 METERS

6. THIS CABLE MEETS TIA-568-C.2 SECTION 6.4 AS APPLICABLE

CATEGORY 6A REQUIREMENT UP TO 65 METERS

0.220
MAX

REVISIONS			
Rev	Description	Date	Chg'd By
A	Initial Release EM2 SPEC - 12067 J Moore Was RCN9047 (-24 or -26) REV D per EM2 SPEC - 11507	11 NOV 2015	DED
E	EM2 ECO - 7310 M Hanna	13 DEC 2016	DED
F	EM2 ECO - 8212 G Lawton	08 JUN 2018	DED
G	EM2 ECO - 10954 A Battipaglia EM2 ECO - 11009 A Battipaglia	02 FEB 2023	DED



PARENTHESES DENOTE REFERENCE DIMENSIONS				W. L. GORE & ASSOCIATES, INC. (Gore) Performance Solutions Division 101 Lewisville Road, Elkton, MD 21921 410 / 392-3300 © 2015, 2022 W. L. Gore & Associates, Inc.	
DIMENSIONS ARE IN INCHES	UNLESS OTHERWISE SPECIFIED	By acceptance of this document you agree that all rights to drawings, specifications, processes and other data contained herein, as well as the proprietary and non-replicable nature of the data, are reserved by Gore and are disclosed in confidence. They are not to be reproduced, copied, sold or disclosed to others, nor are they to be used in any way to manufacture or information derived from this disclosure to be used in any way, without the express written permission of Gore. These drawings, specifications, processes, etc. are and remain the property of Gore and are not to be copied or reproduced without the express permission, and are to be returned upon request thereof.			
DO NOT SCALE DRAWING	.XX ± N/A	Title: AWG 2619 HIGH SPEED ETHERNET CABLE			
DEBURR SHARP EDGES	.XXX ± N/A	Qty/Size	Sheet		
	.XXXX ± N/A	B	1 of 1	Scale	25:1
INTERPRET DRAWING IN 4:00 SCALE WITH 4:00 ME 14.5M-124 (RE397)	FRACTIONS ± N/A	Associated Documents		Drawn	11 NOV 2015
	ANGLES ± N/A	Rev Date	02 FEB 2023	Drawing Number	RCN9047-26
	SURFACE TEXTURE N/A			Rev Level	G
	DEBURR SHARP EDGES N/A				

Valid only at time of printing