

8 7 6 5 4 3 2 1

CONSTRUCTION:

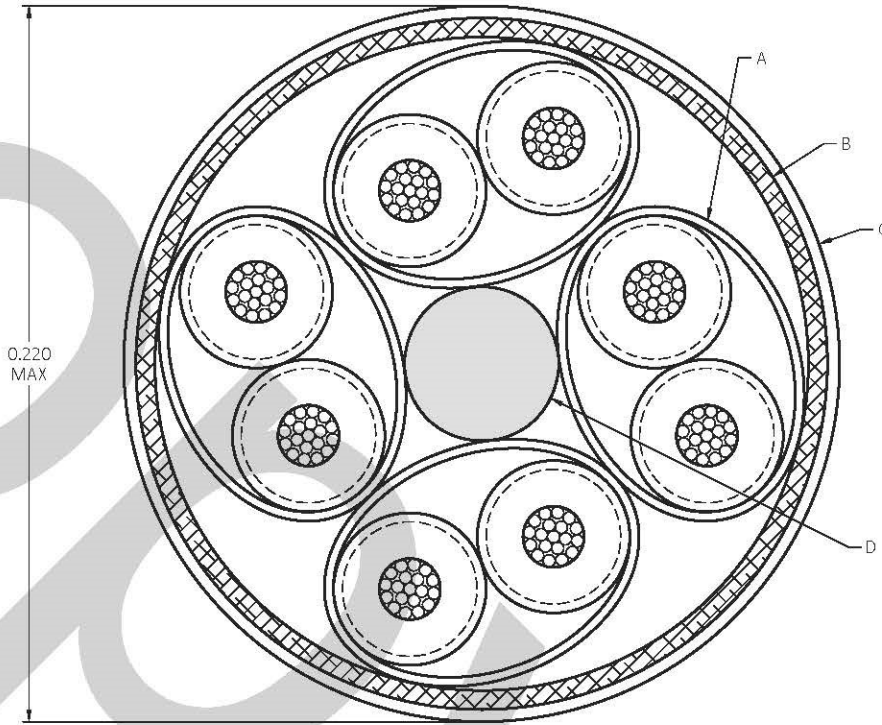
- A. SHIELDED TWISTED PAIR (4 PLACES)
 - CONDUCTOR: AWG 26(19 / 38) SPAL (2 PLACES)
 - INSULATION: PTFE OVER ePTFE (2 PLACES)
(0.050) DIAMETER
 - COLORS: BU x WH/BU, OR x WH/OR,
GN x WH/GN, BN x WH/BN
- PAIR SHIELD: ALUMINIZED POLYIMIDE
(ALUMINUM OUT)
- B. OVERALL SHIELD: AWG 40(1) SPC BRAID
92% MINIMUM 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



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

D
C
B
A

D
C
B
A

Valid only at time of printing

8 7 6 5 4 3 2 1

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Title: AWG 2619 HIGH SPEED ETHERNET CABLE			
Dwg Size: B Sheet: 1 of 1 Scale: 25:1 No. Date: 02 FEB 2023	Associated Documents: N/A Drawing Number: RCN9047-26	Drawn: DED Date: 11 NOV 2015	Rev Level: G