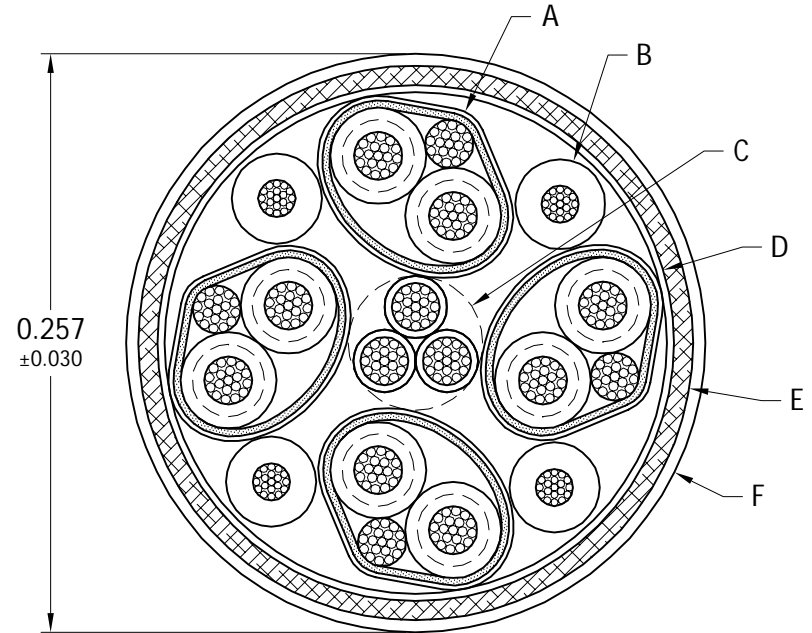


CONSTRUCTION:

- A. SHIELDED TWISTED PAIR (4 PLACES)
 CONDUCTOR: AWG 26(19 / 38) SILVER PLATED ALLOY (2 PLACES)
 INSULATION: PTFE OVER ePTFE (2 PLACES)
 COLORS: BLUE x WHITE, RED x WHITE,
 GREEN x WHITE, BROWN x WHITE
 DRAIN: AWG 26(19 / 38) SPC
 SHIELD: ALUMINUM KAPTON (ALUMINUM IN)
 JACKET: (0.003) WALL ePTFE
- B. SINGLE INSULATED CONDUCTOR (4 PLACES)
 CONDUCTOR: AWG 28(19 / 40) SPC
 INSULATION: (0.011) WALL ePTFE COMPOSITE
 COLORS: WHITE, ORANGE, YELLOW, VIOLET
- C. TWISTED TRIAD
 SINGLE INSULATED CONDUCTOR (3 PLACES):
 CONDUCTOR: AWG 26(19 / 38) SPC
 INSULATION: (0.003) WALL ENGINEERED FLUOROPOLYMER
 COLORS: GREY, PINK, TAN
- D. OVERALL BINDER: (0.003) ePTFE
- E. OVERALL SHIELD: AWG 38(1) SPC BRAID
- F. OVERALL JACKET: (0.005) WALL ENGINEERED FLUORPOLYMER, GREY

REVISIONS			
Rev	Description	Date	Chg'd By
01	Initial Release EM2 SPEC - 12578 J.Moore	15 DEC 2016	DED
A	EM2 ECO - 7723 J.Moore	29 NOV 2017	DED
B	EM2 ECO - 7782 R.Werner	04 JAN 2018	TKG



ELECTRICAL REQUIREMENTS:

1. DIFFERENTIAL IMPEDANCE: 100 ±10 Ω (CONSTRUCTION A ONLY)
2. TYPICAL ATTENUATION AT 5 METERS:
 - 4.9 dB / 5 METERS @ 1 GHz
 - 8.5 dB / 5 METERS @ 2 GHz
 - 12 dB / 5 METERS @ 3 GHz
3. SKEW: 15 pSEC / METER MAX

NOTES:

1. FAR 25 60 DEGREE BURN TEST
2. TEMPERATURE RATING: 200° C
3. REACH AND RoHS COMPLIANT

OVERALL CABLE SPECS:

1. VOLTAGE RATING: 150 V
2. WEIGHT: (52.0) LBS / 1000 FT
3. MINIMUM BEND RADIUS:
 2X OUTSIDE DIAMETER OF CABLE

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DO NOT SCALE DRAWING	.X ± N/A	Title		LIGHTWEIGHT HDMI 2.0 COMPLIANT AEROSPACE CABLE	
DEBURR SHARP EDGES	.XX ± N/A	Dwg Size	Sheet	Scale	Associated Documents
 Third Angle Projection	.XXX ± N/A	A	1 of 1	12.5:1	N/A
	FRACTIONS ± N/A	Rev Date	Drawing Number		Rev Level
ANGLES ± N/A	SURFACE TEXTURE N/A	04 JAN 2018	RCN9121		19 SEP 2016
BREAKS AND FILLETS N/A MAX					