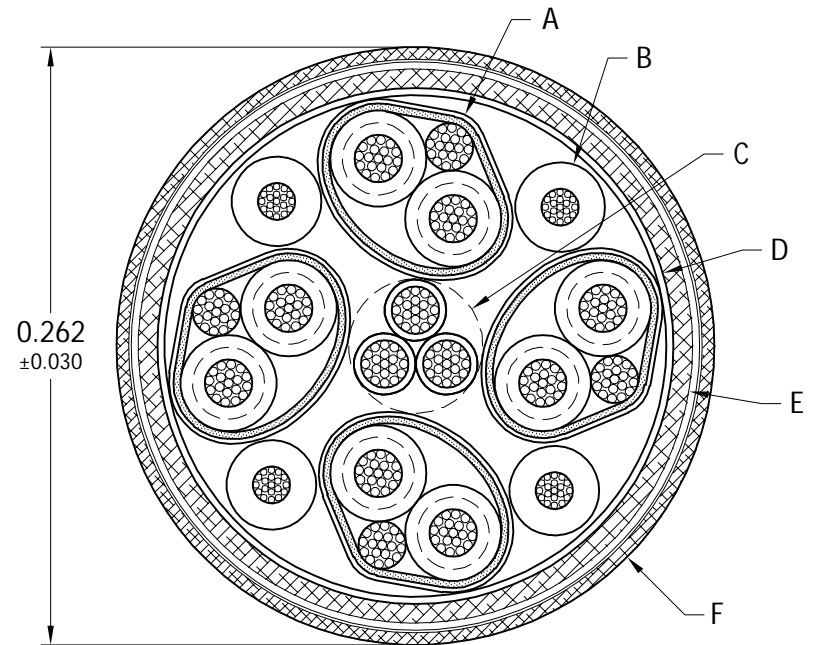


CONSTRUCTION:

- 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 1: (0.003) ePTFE
- E. OVERALL SHIELD: AWG 38(1) SPC BRAID
- F. OVERALL JACKET: (0.009) WALL EF26b
 COLOR: BLACK

REVISIONS			
Rev	Description	Date	Chg'd By
A	Initial Release EM2 SPEC - 13546 J.Moore	15 OCT 2018	DED



ELECTRICAL REQUIREMENTS:

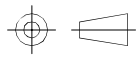
1. DIFFERENTIAL IMPEDANCE: $100 \pm 10 \Omega$ (CONSTRUCTION A ONLY)
2. OPERATING VOLTAGE: $150 V_{AC/DC}$
3. TYPICAL ATTENUATION AT 5 METERS:
 5.75 dB / 5 METERS @ 1 GHz
 10.0 dB / 5 METERS @ 2 GHz
 14.5 dB / 5 METERS @ 3 GHz
4. SKEW: 15 pSEC / METER

OVERALL CABLE COMPLIANCE:

1. FAR 25 60 DEGREE BURN TEST
2. MINIMUM BEND RADIUS: 2X OUTSIDE DIAMETER OF CABLE
3. REACH AND RoHS COMPLIANT

NOTES:

1. WEIGHT: (52.0) LBS / 1000 FT
2. OPERATING TEMPERATURE RANGE: -65° C TO +200° C

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DEBURR SHARP EDGES	.XX ±	N/A	Title LIGHTWEIGHT ABRASION RESISTANT HDMI 2.0 COMPLIANT AEROSPACE CABLE				
 Third Angle Projection	.XXX ±	N/A					
	.XXXX ±	N/A					
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R1999)	FRACTIONS ±	N/A				Dwg Size	Sheet
	ANGLES ±	N/A	A	1 of 1	12.5:1	N/A	DED
SURFACE TEXTURE	N/A	MAX	Rev Date	Drawing Number		Rev Level	
BREAKS AND FILLETS	N/A	MAX	15 OCT 2018	RCN9195		09 FEB 2018	