NOTES:

1: ELECTRICAL
- 1.1 IMPEDANCE: 50 Ω
- 1.2 FREQUENCY RANGE: DC ~ 40 GHZ
- 1.3 VSWR: 1.30 MAX @ 40 GHZ
- 1.4 INSERTION LOSS: SEE TABLE 2 / "IL"
- 1.5 RF LEAKAGE: N/A
- 1.6 INSULATION RESISTANCE: 1000 MΩ MIN
- 1.7 DIELECTRIC WITHSTANDING VOLTAGE: 500VRMS MIN AT SEA LEVEL
- 1.8 VOLTAAGE RATING: 335 VRMS

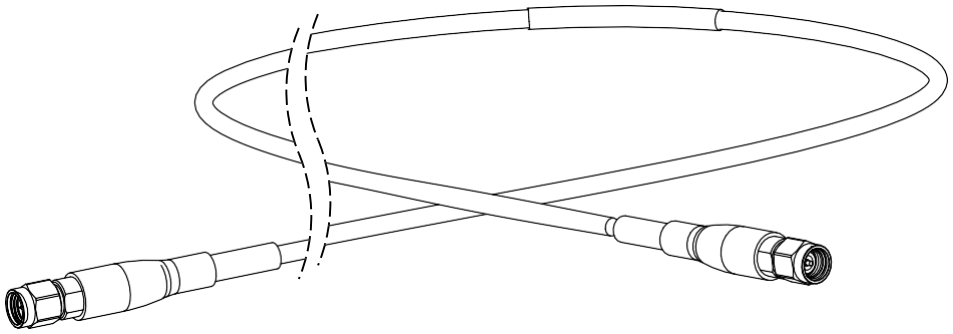
2. MECHANICAL:
- 2.1 DURABILITY: ≥500 CYCLES
- 2.2 MINIMUM BENDING RADIUS(STATIC): 18 MM
- 2.3 MINIMUM BENDING RADIUS(REPEATED): 36 MM
- 2.4 BENDING STABILITY: +/-2° @ 40 GHZ(TYPICAL), +/-7° @ 40 GHZ(MAX)
- 2.5 CABLE RETENTION FORCE: 30 LBS MIN.
- 2.6 RECOMMENDED COUPLING TORQUE: 7-8 IN-LBS
- 2.7 COUPLING NUT RETENTION FORCE: ≥ 60 LBS

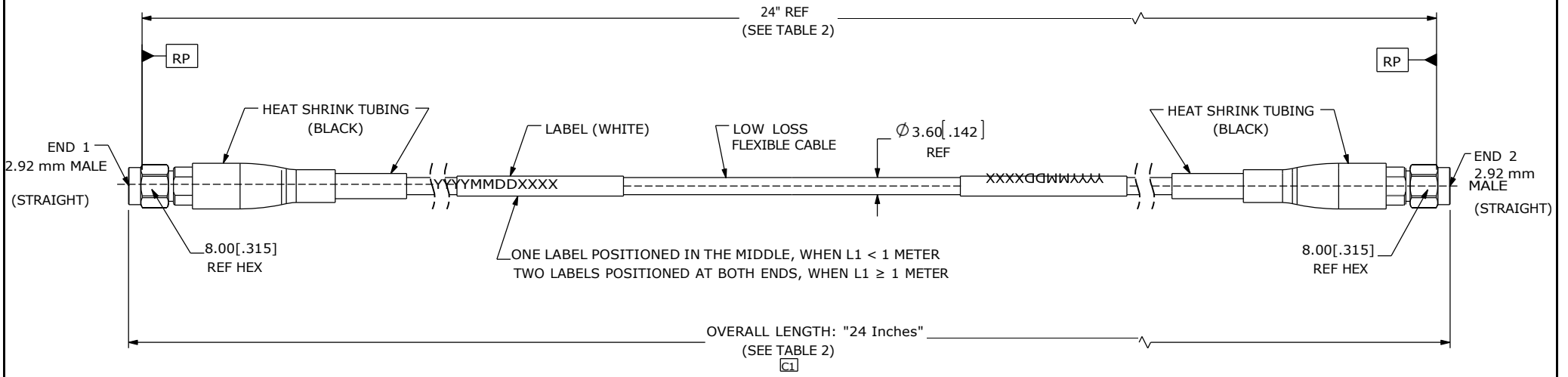
3. ENVIRONMENTAL:
- TEMPERATURE RANGE: -40°C TO +85°C

4. MATERIAL AND FINISH:
- RAW CABLE,
- 4.01 JACKET: FEP, BLUE
- 4.02 FEATURES: LOW LOSS, FLEXIBLE

CONNECTORS(BOTH ENDS),
- 4.03 BODY: STAINLESS STEEL, PASSIVATED
- 4.04 COUPLING NUT: STAINLESS STEEL, PASSIVATED
- 4.05 CENTER CONTACT: BERYLLIUM COPPER , GOLD
- 4.06 DIELECTRIC: ENGINEERING PLASTIC, NATURAL

UNITS: MILLIMETERS[INCHES]





OVERALL LENGTH: "L1" mm	OVERALL LENGTH: "L1" INCH	RP LENGTH: "L2" mm	RP LENGTH: "L2" INCH	CL: "L3" mm	TOLERANCES mm	SUBTRACTOR "A" mm	SUBTRACTOR "B" mm	"IL"(DB)@FREQ(GHZ) 12.4	18.0	26.5	34.0	40.0
								RAW CABLE ATTENU: DB/M 1.74	2.01	2.47	2.81	3.06
2000.0	78.74	1994.3	78.5	1980.8	+15.0	9.58	9.58	3.78	4.38	5.34	6.08	6.62
1500.0	59.06	1494.3	58.8	1480.8	+15.0	9.58	9.58	2.91	3.37	4.11	4.68	5.09
1200.0	47.24	1194.3	47.0	1180.8	+15.0	9.58	9.58	2.39	2.77	3.37	3.83	4.17
1000.0	39.37	994.3	39.1	980.8	+10.0	9.58	9.58	2.04	2.36	2.88	3.27	3.56
700.0	27.56	694.3	27.3	680.8	+7.0	9.58	9.58	1.52	1.76	2.14	2.43	2.64
500.0	19.69	494.3	19.5	480.8	+10.0	9.58	9.58	1.17	1.36	1.65	1.87	2.03
300.0	11.81	294.3	11.6	280.8	+5.0	9.58	9.58	0.82	0.96	1.15	1.31	1.42

TABLE 2

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.
AND TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.25 [.0100] ±3°
X.XX: ±0.05 [.0020]
X.XXX: ±0.025 [.0010]

PROPRIETARY NOTE
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RF Products Professional Vendor
Connectors - Cable Assemblies - Adaptors - Customizations
E-mail: info@mec.org.pk Website: www.mec.org.pk

DESC: 2.92 mm MALE ST TO 2.92 mm MALE ST CABLE ASSEMBLY, 50 OHMS, LOW LOSS FLEXIBLE

PN: MEC-RFCA-201-2.92mm(M)-2.92mm (M)-24Inches-B

SCALE: NTS | REV. 0 | SHEET 1 OF 1