

NOTES:

1. ELECTRICAL:
 - 1.1 IMPEDANCE: 50 Ω
 - 1.2 FREQUENCY RANGE: DC ~ 40 GHZ
 - 1.3 VSWR: 1.35 MAX @ 20 GHZ
 - 1.4 INSERTION LOSS: SEE TABLE 2 / "IL"
 - 1.5 INSULATION RESISTANCE: 1200 MΩ MIN
 - 1.6 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL (OTHERS SEE TABLE 2)
2. MECHANICAL:

DURABILITY: SMP FEMALE, ≥500 CYCLES FOR SMOOTH BORE
 SMP FEMALE, ≥300 CYCLES FOR LIMITED DETENT
 SMP FEMALE, ≥100 CYCLES FOR FULL DETENT
3. ENVIRONMENTAL:

TEMPERATURE RANGE: -55°C TO +85°C
4. MATERIAL AND FINISH:

RAW CABLE

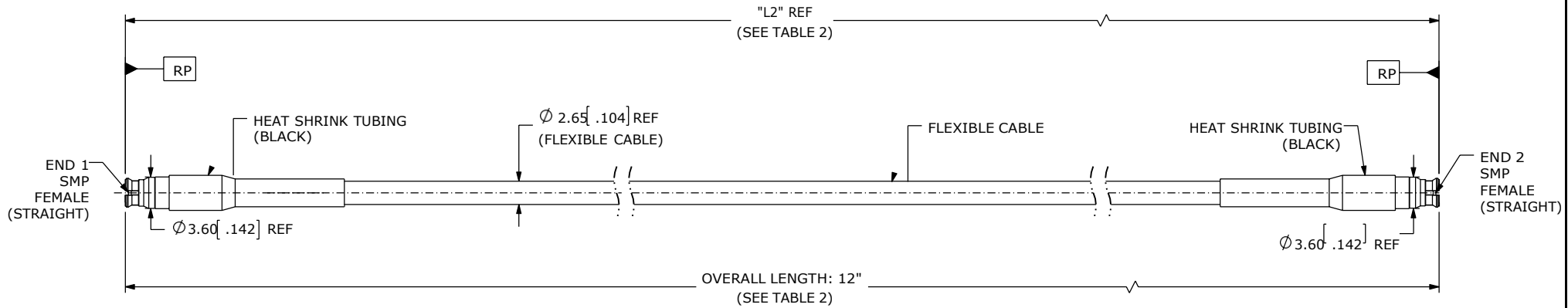
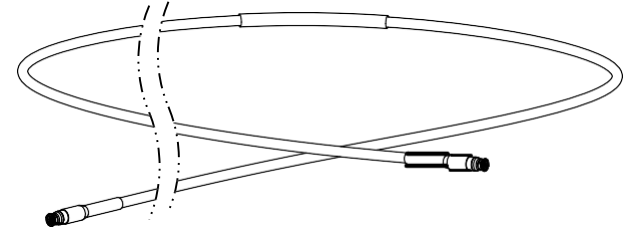
 - 4.01 JACKET: FEP, BLUE
 - 4.02 FEATURES: FLEXIBLE

CONNECTORS,

 - 4.03 SMP FEMALE:

BODY: BERYLLIUM COPPER, BRASS, GOLD PLATED
 CENTER CONTACT: BERYLLIUM COPPER, GOLD PLATED
 DIELECTRIC: ENGINEERING PLASTIC, NATURAL

UNITS: MILLIMETERS[INCHES]



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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MEC Electronics and Communication Pvt Ltd
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 Connectors - Cable Assemblies - Adaptors - Customizations
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Color: B (Blue)

DESC: SMP FEMALE ST TO SMP FEMALE ST, NF086 CABLE ASSEMBLY, 50 OHMS

PN: MEC-RFCA-201-SMP(F)-SMP(F)-12Inches-B

SCALE: NTS REV. 0 SHEET 1 OF 1

203.2	8.00	203.2	8.0	194.9	±5.0	4.16	4.16	0.74	0.77	1.09	1.32	1.41		
152.4	6.00	152.4	6.0	144.1	±5.0	4.16	4.16	0.64	0.67	0.94	1.14	1.21		
304.9	12.00	304.9	12.0	296.6	±5.0	4.16	4.16	0.93	0.97	1.39	1.69	1.82		
mm	INCH	mm	INCH	mm	mm	"A"	"B"	5.0	6.0	12.4	18.0	20.0		
						mm		"IL"(DB)@FREQ(GHZ)						
OVERALL LENGTH: "L1"		RP LENGTH: "L2"		CL: "L3"		TOLERANCES		SUBTRACTOR		1.89	1.93	2.93	3.66	3.98
										RAW CABLE ATTENU: DB/M				

TABLE 2