

**MATERIAL & FINISH:**  
**SMPM CONNECTOR:**

- 1 BODY: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 3 INSULATOR: PTFE

**SSMB CONNECTOR:**

- 1 SLEEVE: STAINLESS STEEL, PASSIVATED
- 2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 3 OUTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 4 INSULATOR: PTFE
- 5 BACK NUT: BERYLLIUM COPPER ALLOY, GOLD PLATED

**EP090 CABLE:**

- 1 INNER CONDUCTOR: SILVER PLATED COPPER
- 2 DIELECTRIC: LD PTFE
- 3 OUTER CONDUCTOR: BONDED ALUMINUM FOILE+SILVER PLATED COPPER
- 4 JACKET: FEP

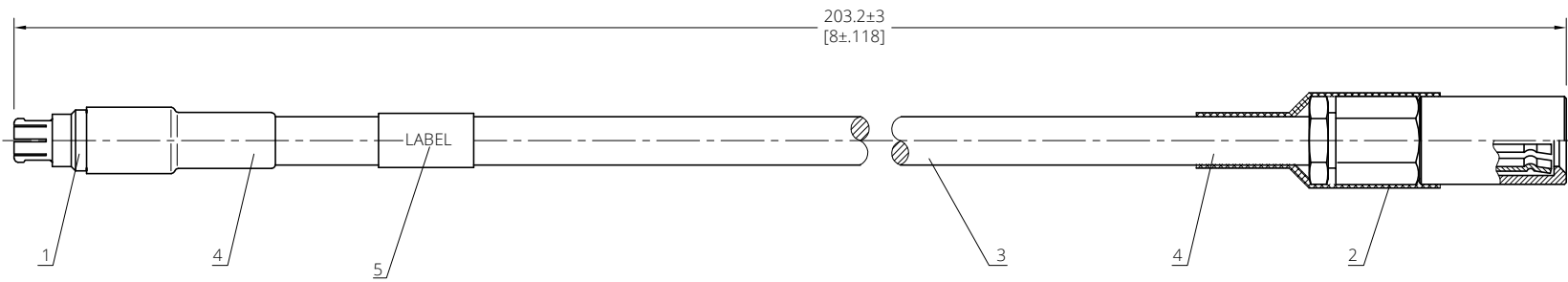
**ELECTRICAL DATA:**

- 1 IMPEDANCE: 50 Ω
  - 2 FREQUENCY RANGE: DC~1 GHz
  - 3 VSWR: 1.20 TYP.
  - 4 INSERTION LOSS: 0.55 dB MAX.
  - 5 PHASED MATCHED: ±0.5° @ 1GHz
- “\*” TEST CONDITION: THE CABLE KEEP STRAIGHT, NO BENDING

**ENVIRONMENTAL DATA:**

- 1 TEMPERATURE RANGE: -55°C~+125°C
- 2 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
- 3 1999/45/EC(REACH): COMPLIANT

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/15/23	J. Q



EXAMPLE: LABEL FOR PER SET: 8- 01-001

↑ S/N(001,002,003... ..)

↑ PER SET

↑ CABLE LENGTH 8 INCHES

SEQUENCE NUMBER	PART NO.	DESCRIPTION	QTY
5	LABEL	HEAT-SHRINK TUBE Ø2.5X25 (WHITE)	1
4	ANO 8.687.125	ADHESIVE HEAT-SHRINK TUBE Ø4X15(BLACK)	2
3	EP090	EP090 CABLE	1
2	ANO 7212-2005	SSMB PLUG SOLDER FOR EP090 CABLE	1
1	ANO 9412-2005	SMPM STRAIGHT FEMALE SOLDER FOR EP090 CABLE	1

DRAWN	DATE
W. Y	03/15/23
CHECKED	DATE
X. Y	03/15/23
APPROVED	DATE
J. Q	03/15/23
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, DIMENSIONS IN [ ] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:	
XX	±0.13 [.005"]
X	±0.20 [.008"]
X	±0.50 [.019"]
X°	±1°
X°	±2°
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**ANOISON**

TITLE  
 CABLE ASSEMBLY, SMPM STRAIGHT FEMALE TO SSMB PLUG, EP090 CABLE, 8 INCHES

VIEW

PART NO.  
 EP090-SMPMF-SSMBF-8-PM

SIZE	SCALE	SHEET	REV.
A3	4:1	1/1	A