

**MATERIAL & FINISH:
1.85MM CONNECTOR**

- 1 BODY: STAINLESS STEEL, PASSIVATED
- 2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 3 INSULATOR: PEI

PLEX102P CABLE:

- 1 INNER CONDUCTOR: SILVER PLATED COPPER
- 2 DIELECTRIC: LD PTFE
- 3 OUTER CONDUCTOR: SPIRAL WRAPPED SILVER PLATED COPPER TAPE
- 4 INTERLAYER: PTFE
- 5 OUTER SHIELDS: SILVER PLATED COPPER BRAID
- 6 JACKET: FEP
- 7 MIN. BENDING RADIUS: 11mm

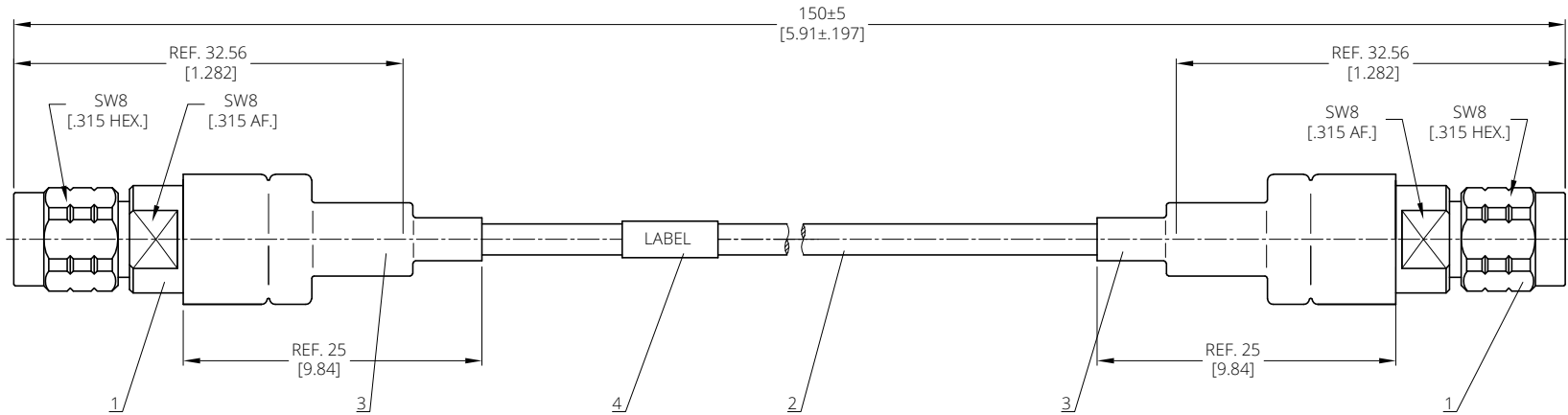
ELECTRICAL DATA:

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~67 GHz
- 3 VSWR: 1.35 MAX.
- 4 INSERTION LOSS: 1.70 dB MAX.
- 5 PHASE-MATCHED (SET 14): SEE TABLE

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	02/25/25	J. Q



LABEL FOR PER PAIR: 150- PMXX 001

PER SET(001,002,003...)
PHASE MATCHED (XX=0.5,1,1.5,2,2.5,3...)
CABLE LENGTH 150MM

P/N	PHASE MATCH TARGET
P102P-18M-18M-150MM-SET14	0 (standard)
P102P-18M-18M-150MM-SET14(0.5)	0.5 PS
P102P-18M-18M-150MM-SET14(1)	1 PS
P102P-18M-18M-150MM-SET14(1.5)	1.5 PS
P102P-18M-18M-150MM-SET14(2)	2 PS
P102P-18M-18M-150MM-SET14(2.5)	2.5 PS
P102P-18M-18M-150MM-SET14(3)	3 PS
P102P-18M-18M-150MM-SET14(4)	4 PS
P102P-18M-18M-150MM-SET14(5)	5 PS
P102P-18M-18M-150MM-SET14(6)	6 PS
P102P-18M-18M-150MM-SET14(7)	7 PS
P102P-18M-18M-150MM-SET14(8)	8 PS
P102P-18M-18M-150MM-SET14(9)	9 PS
P102P-18M-18M-150MM-SET14(10)	10 PS

SEQUENCE NUMBER	PART NO.	DESCRIPTION	QTY
4	LABEL	HEAT-SHRINK TUBE Ø3	1
3	ANO 8.687.162	ADHESIVE HEAT-SHRINK TUBE Ø7.9X25	2
2	PLEX102P	PLEX102P CABLE	1
1	ANO 6211-2027	1.85MM STRAIGHT MALE SOLDER FOR PLEX102P CABLE, CAPTIVATED CONTACT	2

DRAWN	DATE
W. Y	02/25/25
CHECKED	DATE
X. Y	02/25/25
APPROVED	DATE
J. Q	02/25/25
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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TITLE
CABLE ASSEMBLY, 1.85MM STRAIGHT MALE TO 1.85MM STRAIGHT MALE, PLEX102P CABLE, PHASE-MATCHED SET 14

VIEW

PART NO.
P102P-18M-18M-150MM-SET14

SIZE	SCALE	SHEET	REV.
A3	2.5:1	1/1	A