

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/05/23	J. Q

1.0 MATERIAL & FINISH:

1.0 CONNECTOR:

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

1.85MM CONNECTOR:

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

AFLEX047 CABLE:

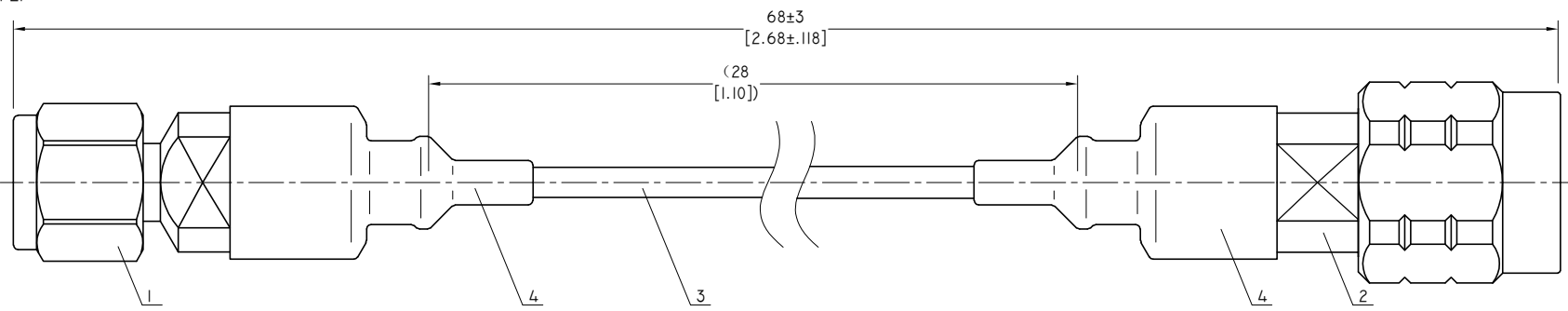
- 1 INNER CONDUCTOR: SILVER PLATED COPPER
- 2 DIELECTRIC: PTFE
- 3 OUTER CONDUCTOR: SPIRAL WRAPPED SILVER PLATED COPPER TAPE + SILVER PLATED COPPER
- 4 JACKET: FEP

2.0 ELECTRICAL DATA:

- 1 IMPEDANCE: 50 OHMS
- 2 FREQUENCY RANGE: DC~67 GHZ
- 3 VSWR: 1.40 MAX.
- 4 INSERTION LOSS: 1.60 DB MAX.

3.0 ENVIRONMENTAL DATA:

- 1 TEMPERATURE RANGE: -65°C~+165°C
- 2 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
- 3 1999/45/EC(REACH): COMPLIANT



SEQUENCE NUMBER	PART NO.	DESCRIPTION	QTY
4	ANO 8.687.107	ADHESIVE HEAT-SHRINK TUBE Ø6.4*15	2
3	AFLEX047	AFLEX047 CABLE	1
2	ANO 6211-2025	1.85MM STRAIGHT MALE SOLDER FOR .047 CABLE	1
1	ANO 7611-2011	1MM STRAIGHT MALE SOLDER FOR .047 CABLE	1

DRAWN	W. Y	DATE	09/05/23
CHECKED	X. Y	DATE	09/05/23
APPROVED	J. Q	DATE	09/05/23
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, DIMENSIONS IN [] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:		THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ANOISON ELECTRONICS LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION COPYRIGHT © 2023 ANOISON ELECTRONICS LTD	
.XX	±0.13 [.005"]		
.X	±0.20 [.008"]		
X	±0.50 [.019"]		
X°	±1°		
X"	±2°		

ANOISON

TITLE
CABLE ASSEMBLY, 1.0MM STRAIGHT MALE TO 1.85MM STRAIGHT MALE, AFLEX047 CABLE, 6.8CM

VIEW

PART NO.
AF047-1M-18M-6.8CM

SIZE	SCALE	SHEET	REV.
A3	5:1	1/1	A