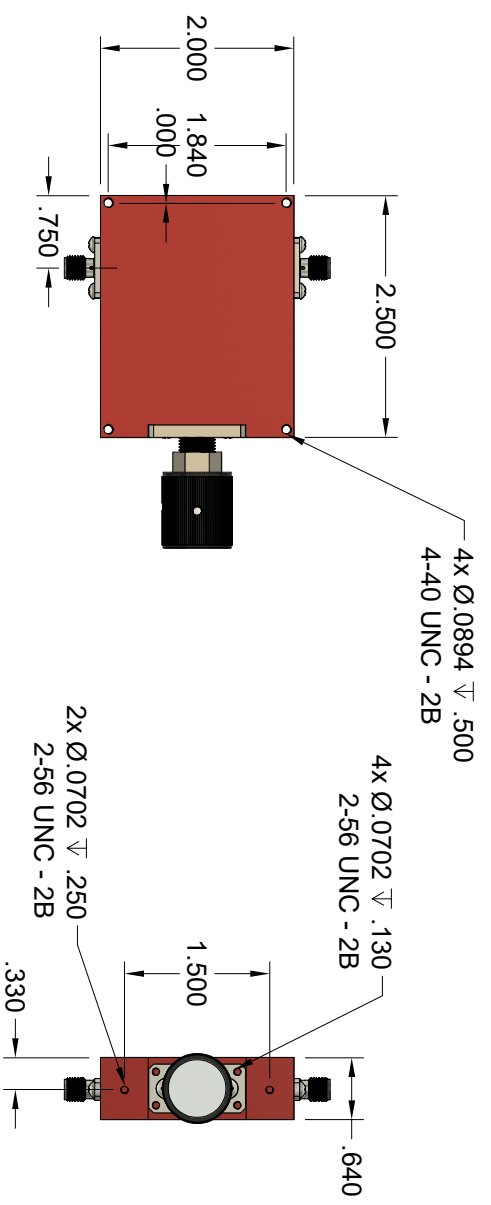


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/27/2023	DA

FREQUENCY FLAT MODELS				
Freq. (GHz)	Atten. Range (dB)	VSWR Max	Flatness (+/- dB)	Model No.
0.8-1.0	15	1.8	1.5	AF982L1-15-1TI
0.95-1.45	15	1.8	1.7	AF983L1-15-1TI
1.5-2.0	20	1.5	1.5	AF983L2-20-1TI
2.0-4.0	20	1.5	1.5	AF984-20-1TI
2.8-6.5	20	1.5	1.5	AF984F-20-1TI
3.4-4.2	20	1.5	1.0	AF985C3-20-1TI
3.6-6.5	30	1.5	1.25	AF985C-30-1TI
5.8-6.5	30	1.5	0.75	AF985C2-30-1TI
4.0-8.0	20	1.5	1.0	AF985-20-1TI
7.2-8.4	30	1.5	0.75	AF985X-30-1TI
8.0-12.4	20	1.5	1.0	AF986-20-1TI
10.7-12.7	30	1.5	1.0	AF986X-30-1TI
10.7-14.5	30	1.5	1.5	AF986K-30-1TI
12.4-18.0	20	1.5	1.5	AF987-20-1TI

LEVEL ADJUST MODELS				
Freq. (GHz)	Atten. Range (dB)	VSWR Max	Flatness (+/- dB)	Model No.
0.7-1.0	10	1.7	N/A	AV982-10-1TI
0.8-2.0	20	1.7	N/A	AV983L-20-1TI
1.0-2.0	20	1.5	N/A	AV983-20-1TI
2.0-4.2	20	1.5	N/A	AV984-20-1TI
4.0-8.0	30	1.5	N/A	AV985-30-1TI
7.9-12.7	30	1.5	N/A	AV986-30-1TI
11.7-18.0	30	1.5	N/A	AV987-30-1TI

MULTIBAND MODELS				
Freq. (GHz)	Atten. Range (dB)	VSWR Max	Flatness (+/- dB)	Model No.
1.0-4.0	20	1.5	N/A	AV983E-20-1TI
1.0-8.0	30	1.8	N/A	AV983F-30-1TI
2.0-18.0	10	1.5	N/A	AV984H-10-1TI
4.0-18.0	20	1.5	N/A	AV985H-20-1TI
6.0-18.0	60	1.5	N/A	AV986H-60-1TI



General Specifications:
 RF Power: 5W average, 3KW peak
 RF Connectors: SMA F
 INSERTION LOSS: 0.5dB max
 VSWR: 1.5:1 max, on most models

Attenuator Drive Options:
 Knob Option:
 Change AV0 or AF0 to AV9 or AF9

THIRD ANGLE PROJECTION:		APPROVALS	DATE	SIZE	PACKAGE CODE	DRAWING#	REVISION
UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		DRAWN Dirk Aldbran	11/27/23	1:2	6CDA9	OTL-AX98-XX-1TI	A
FRACTIONS: ±1/64 ANGLES: ±1/2° MACHINED FINISH: 63 OR BETTER		CHKD.		SCALE		MODEL#	SHEET
DECIMALS		APRVD.		1:2			1/1
2 PLACE		MATERIAL					
±.01		TREATMENT					
		FINISH					

AV/AF98 SERIES OUTLINE

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