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TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

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- ITAR-certified secure asset solutions

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1.5 to 30 dB Step Attenuator with a 1 dB Step SMA Female Interface Rated Up to 3 GHz and Up to 2 Watts in a Dial Design



SA3730SMA

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Insertion Loss			1.5	dB
Attenuation Value		1.5 to 30		dB
Step Size		1		dB
Step Type		Dial		
Input Power (CW)			2	Watts
Input Power, Peak			100	Watts
VSWR			1.4:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1	1 to 2	2 to 3			GHz
Insertion Loss	0.6	1	1.5			dB
VSWR	1.3:1	1.4:1	1.5:1			

Mechanical Specifications

Size

Length	4.86 in [123.44 mm]
Width	0 in [0 mm]
Height	2.72 in [69.09 mm]
Weight	0.8965 lbs [406.65 g]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female

Environmental Specifications

Temperature

Operating Range	-20 to 85 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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1.5 to 30 dB Step Attenuator with a 1 dB Step SMA Female Interface Rated Up to 3 GHz and Up to 2 Watts in a Dial Design



SA3730SMA

1.5 to 30 dB Step Attenuator with a 1 dB Step SMA Female Interface Rated Up to 3 GHz and Up to 2 Watts in a Dial Design from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: 1.5 to 30 dB Step Attenuator with a 1 dB Step SMA Female Interface Rated Up to 3 GHz and Up to 2 Watts in a Dial Design SA3730SMA

URL: https://www.fairviewmicrowave.com/30db-step-attenuator-1db-sma-female-dc-3-ghz-2-watts-sa3730sma-p.aspx

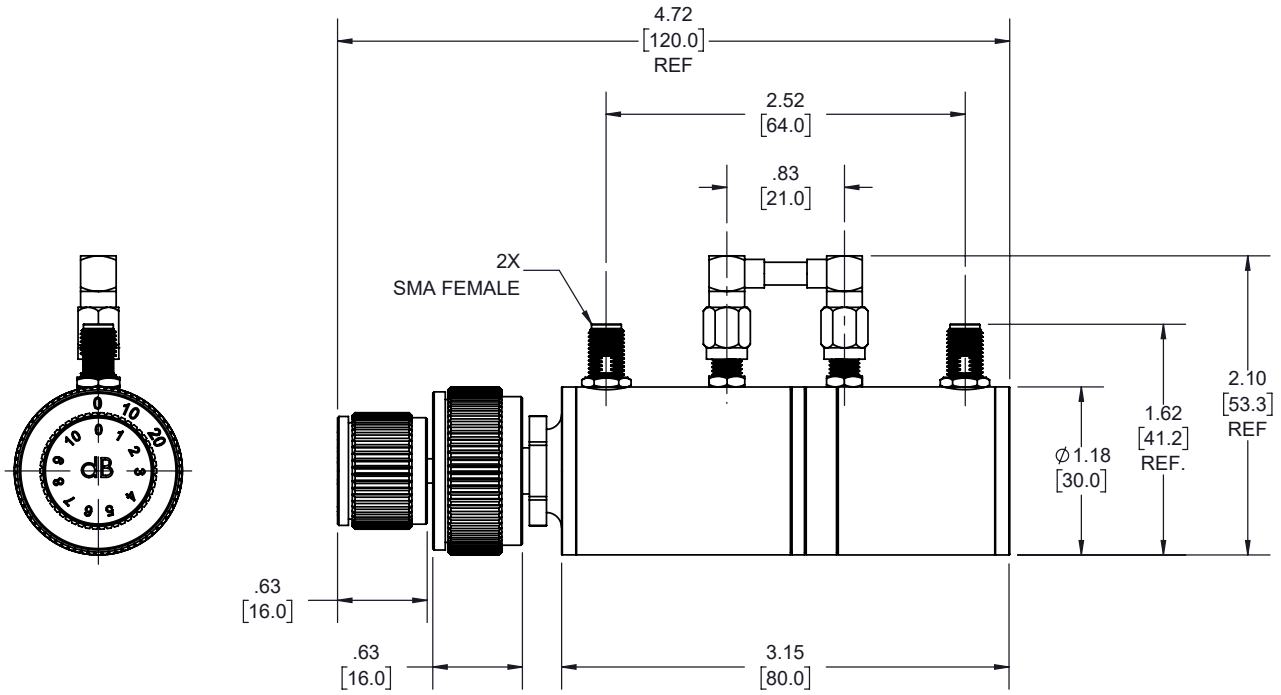
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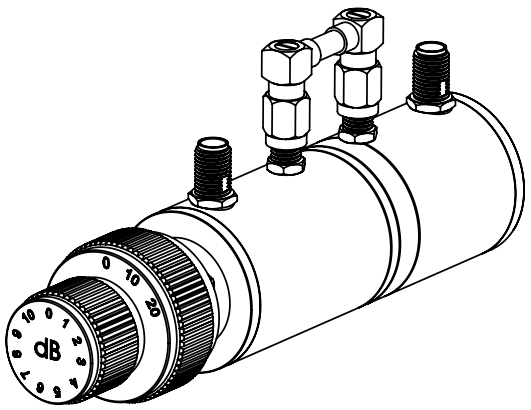
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SA3730SMA CAD Drawing

1.5 to 30 dB Step Attenuator with a 1 dB Step SMA Female Interface
Rated Up to 3 GHz and Up to 2 Watts in a Dial Design

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	PCR SA3730SMA	12/10/2020	S.PONG





LABEL:

SA3730SMA
SN: XXXXXXXX
ROTARY 30dB, 1dB STEP
SMA-F S STEEL SMA 3GHz, 2W

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Fairview Microwave™
an INFINITE brand

TITLE

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ± .2 [5.08]
.XX = ± .02 [.51]
.XXX = ± .005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	K.Dang	SA3730SMA	A

T-Rev.D

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