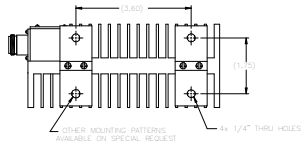
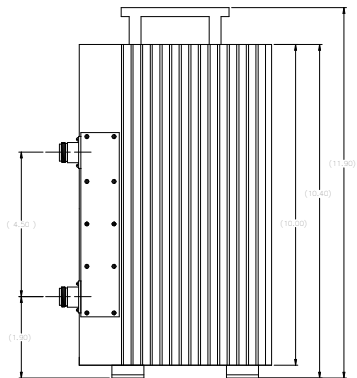
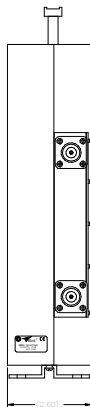
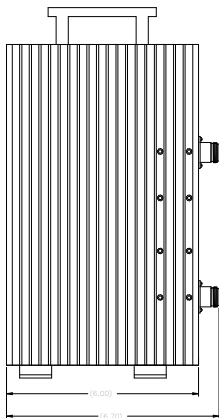


**Approved
Mark-Up**

Approvals retained
in Tech Docs

**ECO 17199
09-09-2020**

REV	DATE	DESCRIPTION



XX = DASH NUMBER (dB VALUE)

-40	40	+1.0 dB	+2.0 dB
-30	30	+0.8 dB	+1.3 dB
-20	20	+0.5 dB	+1.0 dB
-10	10	+0.4 dB	+0.8 dB
-06	6	+0.4 dB	+0.6 dB
-03	3	+0.3 dB	+0.5 dB
-02	2	+0.3 dB	+0.5 dB
-01	1	+0.3 dB	+0.5 dB

DASH NO.	dB ATTEN.	DC - 1GHz	1 - 3.0GHz
		ATTENUATOR ACCURACY	±dB

INDICATED ABOVE AND ON CUSTOMER DRAWINGS ARE THE CUSTOMER'S REQUIREMENTS. SEE THE NEXT DRAWING FOR THE ATTENUATOR'S SPECIFICATIONS. FOR ATTENUATION VALUES INDICATED HERE, THE SHOWN LOSS ATTENUATION VALUES APPLY TO THE LOSS 1/2 THE DESIGN ATTENUATION LEVEL. THIS VALUE IS THE LOSS ATTENUATION VALUE. FOR SPECIFICATIONS, SEE THE ATTENUATOR SPECIFICATIONS DRAWING.

NOTE:
FOR VALUES NOT LISTED, REFER TO THE NEXT DRAWING FOR THE ATTENUATOR'S SPECIFICATIONS. FOR ATTENUATION VALUES INDICATED HERE, THE SHOWN LOSS ATTENUATION VALUES APPLY TO THE LOSS 1/2 THE DESIGN ATTENUATION LEVEL. THIS VALUE IS THE LOSS ATTENUATION VALUE. FOR SPECIFICATIONS, SEE THE ATTENUATOR SPECIFICATIONS DRAWING.

OTHER MOUNTING PATTERNS
AVAILABLE ON SPECIAL REQUEST

REV	DATE	DESCRIPTION



Bird
AEROSPACE ELECTRONICS
10000 WILSON BLVD
DALLAS, TEXAS 75243
PH: 972.980.1000
WWW.BIRDELECTRONICS.COM

SPECIFICATIONS:
ATTENUATION VALUE/ACCURACY: SEE TABLE
IMPEDANCE: 50 OHMS NOMINAL
POWER RATING: 150 CW AT 40°C
180 CW AT 25°C
-DERATED LINEARLY TO 0 WATTS FROM 40°C TO 120°C
PEAK POWER: 2.5kW MAX, PULSES NOT TO EXCEED 1mS
-DUTY CYCLE NOT TO EXCEED AVERAGE RATED POWER
FREQUENCY RANGE & VSWR:
DC TO 1 GHz AT 1:10:1 MAX.
1 GHz TO 3 GHz AT 1.25:1 MAX.
CONNECTORS: N-TYPE FEMALE/FEMALE
OPERATING POSITION: VERTICAL (MOUNTING BRACKETS DOWN)
AMBIENT TEMPERATURE: -40°C TO +40°C
OPERATING TEMPERATURE: -40°C TO +120°C
HUMIDITY: 95% NON-CONDENSED
WEIGHT: APPROX. 6.6 LBS
MATERIALS: ALL RoHS COMPLIANT
CONNECTOR BODY: BRASS
HOUSING/COVER: ALUMINUM
COOLING FIN: ALUMINUM
CONTACT: BRASS OR BERYLLIUM COPPER
INSULATOR: TEFLON (PTFE)
FINISH: ALL RoHS COMPLIANT
CONNECTOR BODY/HOUSING/COVER: TRI-METAL
COOLING FIN: BLACK ANODIZE
CONTACT: SILVER OR GOLD PLATED