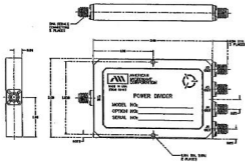


REVISED		DATE	APPROVED
REV. NO.	DESCRIPTION		
A	ORIGINAL RELEASE	04/21/78	



SPECIFICATIONS

FREQUENCY	2.0-18.0 GHz
INSERTION LOSS	2.0-8.0 GHz 1.5 dB MAX 8.0-18.0 GHz 2.0 dB MAX
VSWR INPUT	2.0-8.0 GHz 1.5:1 8.0-18.0 GHz 1.8:1
VSWR OUTPUT	2.0-8.0 GHz 1.5:1 8.0-18.0 GHz 1.8:1
ISOLATION	2.0-8.0 GHz 18.0 dB MIN 8.0-18.0 GHz 17.0 dB MIN
AMPLITUDE BALANCED	2.0-8.0 GHz 0.5 dB
PHASE BALANCED	8.0-18.0 GHz 6.0 dB
AVERAGE POWER	2.0-8.0 GHz 2.0 W
RF LOAD VSWR	1:21 25 WATTS 1:11 7.5 WATTS ∞ 0.75 WATTS
WEIGHT	4.3 Gm.

ENVIRONMENTAL RATINGS

TEMPERATURE	-54°C TO +82°C (OPERATING) -85°C TO +125°C (STORAGE)
SHOCK	ML-STD-202F, METHOD 1218 COND. B
VIBRATION	ML-STD-202F, METHOD 2138 COND. B
HUMIDITY	ML-STD-202F, METHOD 2042 COND. B
ACCELERATION	ML-STD-202F, METHOD 940C COND. B
TEMPERATURE CYCLE	ML-STD-202F, METHOD 967D COND. A

DIMENSIONS ARE IN INCHES.
TOLERANCES: X.XX ±0.010
X.XXX ±0.005

REV. NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVED		DATE	
TITLE 		PART NO. APD-4-218 POWER DIVIDER	
REV. NO.	QUANTITY	REV. NO.	QUANTITY
A	80483		100-4012
DATE 		DATE 	