

DESCRIPTION:

PMI MODEL NUMBER EQL-17D5G21D5G+12DB-292MF IS A PASSIVE AMPLITUDE EQUALIZER PROVIDING THE FOLLOWING SPECIFICATIONS. THIS EQUALIZER HAS A POSITIVE SLOPE WHICH EQUALIZES CABLE LOSS.

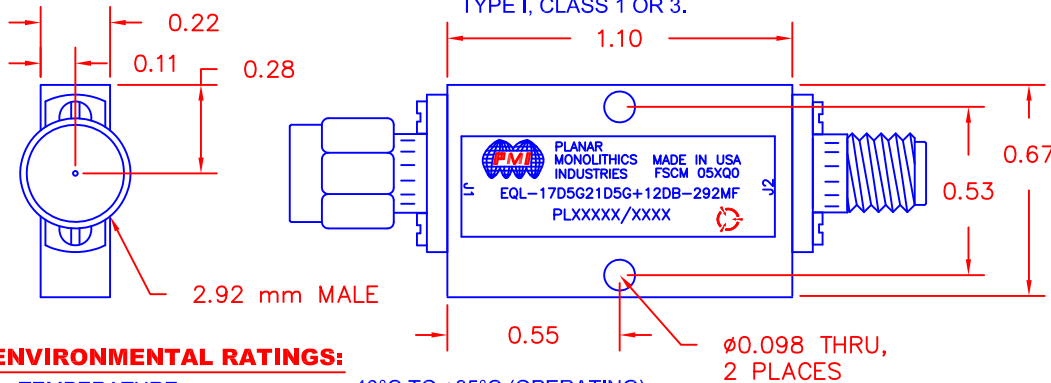
SPECIFICATIONS:

- FREQUENCY: _____ 17.5 GHz TO 21.5 GHz
- MAXIMUM INPUT POWER: _____ 0.5 WATT CW
- VSWR: _____ 2.0 :1 MAX
- INSERTION LOSS @ 21.5 GHz: _____ 6 dB MAX
- SLOPE: _____

FREQUENCY	AMPLITUDE*
17.5 GHz	-13.3 dB
18 GHz	-12.3 dB
18.5 GHz	-11.3 dB
19 GHz	-10 dB
19.5 GHz	-8.4 dB
20 GHz	-6.5 dB
20.5 GHz	-4.4 dB
21 GHz	-2.2 dB
21.5 GHz	0 dB

*ADD INSERTION LOSS @ 21.5 GHz TO ALL VALUES

- ACCURACY @ DEFINED POINTS: _____ ±2.9 dB
- CONNECTORS: _____ 2.92 mm MALE J1
2.92 mm FEMALE J2
- FINISH: _____ BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

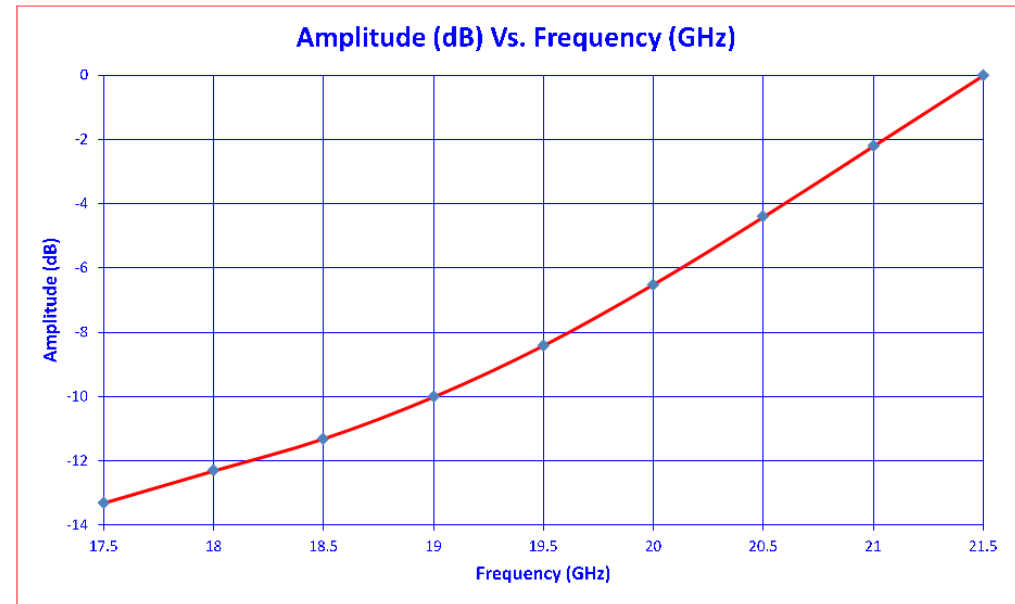


ENVIRONMENTAL RATINGS:

- TEMPERATURE: _____ -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: _____ MIL-STD-202F, METHOD 103B COND. B
- SHOCK: _____ MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: _____ MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: _____ MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: _____ MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/23/14	
	B1	ECN # 16-0001	1/5/16	



2.92 mm FEMALE **PMI CONFIDENTIAL AND PROPRIETARY**

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
 FREDERICK, MARYLAND 21704 USA
 TEL: 301-662-5019 FAX: 301-662-1731
 WEBSITE: www.pmi-rf.com
 E-MAIL: sales@pmi-rf.com
 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>DPD</i>		9/29/14	PRODUCT FEATURE			
CHECKED			EQL-17D521D5+12DB-292MF			
ISSUED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27024241	REV. B1
			SCALE N:S	SHEET 1 OF 1		

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.020
 X.XXX ±0.010