



# Planar Monolithics Industries, Inc.

## Gain & Loss Equalizers

PMI offers a wide range of RF and Microwave Gain & Loss Equalizer products that operate from DC up to 40 GHz. PMI offers many standard models with various options that are available at:

<https://www.pmi-rf.com/categories/gain-equalizers>



EQL-DC20-3-SFF  
EQL-DC40-6-292FF  
EQL-DC40-10-292FF

EQL-17D5G21D5G+4DB-292MF  
EQL-17D5G21D5G+8DB-292MF  
EQL-17D5G21D5G+10DB-292MF

EQL-17D6G21D6G-2DB-292MF  
EQL-17D6G21D6G-4DB-292MF  
EQL-17D6G21D6G-8DB-292MF

EQL-17D6G21D6G-10DB-292MF  
EQL-26D5G40G-1D5DB-292MF

### 2-IN-1 - Dual Use Connectorized or Surface Mount

PMI Model No.	Frequency Range (GHz)	Maximum Input Power	Insertion Loss (dB)	Slope (dB)	VSWR	Size (Inches) Connectors
<b>EQL-DC20-3-SFF</b> <a href="https://www.pmi-rf.com/product-details/eql-dc20-3-sff">https://www.pmi-rf.com/product-details/eql-dc20-3-sff</a>	DC - 20	1 W CW	0.5	+3.0	2.0:1 Max 1.8:1 Typ	0.53" x 0.56" x 0.18" <b>SMA (F) Removable</b>
<b>EQL-DC40-6-292FF</b> <a href="https://www.pmi-rf.com/product-details/eql-dc40-6-292ff">https://www.pmi-rf.com/product-details/eql-dc40-6-292ff</a>	DC - 40	1 W CW	2.5	+6.0	1.8:1 Max 1.6:1 Typ	0.53" x 0.56" x 0.18" <b>2.92mm (F) Removable</b>
<b>EQL-DC40-10-292FF</b> <a href="https://www.pmi-rf.com/product-details/eql-dc40-10-292ff">https://www.pmi-rf.com/product-details/eql-dc40-10-292ff</a>	DC - 40	1 W CW	2.0	+10.0	1.8:1 Max 1.6:1 Typ	0.53" x 0.56" x 0.18" <b>2.92mm (F) Removable</b>
<b>EQL-17D5G21D5G+4DB-292MF</b> <a href="https://www.pmi-rf.com/product-details/eql-17d5g21d5g-4db-292mf">https://www.pmi-rf.com/product-details/eql-17d5g21d5g-4db-292mf</a>	17.5 - 21.5	0.5 W CW	2.0	+4.0	2.0:1 Max	1.10" x 0.67" x 0.22" 2.92mm Male (J1), 2.92mm Female (J2) <b>2.92mm (M/F) Removable</b>
<b>EQL-17D5G21D5G+8DB-292MF</b> <a href="https://www.pmi-rf.com/product-details/eql-17d5g21d5g-8db-292mf">https://www.pmi-rf.com/product-details/eql-17d5g21d5g-8db-292mf</a>	17.5 - 21.5	0.5 W CW	2.0	+8.0	2.0:1 Max	1.10" x 0.67" x 0.22" 2.92mm Male (J1), 2.92mm Female (J2) <b>2.92mm (M/F) Removable</b>
<b>EQL-17D5G21D5G+10DB-292MF</b> <a href="https://www.pmi-rf.com/product-details/eql-17d5g21d5g-10db-292mf">https://www.pmi-rf.com/product-details/eql-17d5g21d5g-10db-292mf</a>	17.5 - 21.5	0.5 W CW	2.0	+10.0	2.0:1 Max	1.10" x 0.67" x 0.22" 2.92mm Male (J1), 2.92mm Female (J2) <b>2.92mm (M/F) Removable</b>
<b>EQL-17D6G21D6G-2DB-292MF</b> <a href="https://www.pmi-rf.com/product-details/eql-17d6g21d6g-2db-292mf1">https://www.pmi-rf.com/product-details/eql-17d6g21d6g-2db-292mf1</a>	17.6 - 21.6	0.5 W CW	2.0	-2.0	2.0:1 Max	1.10" x 0.67" x 0.22" 2.92mm Male (J1), 2.92mm Female (J2) <b>2.92mm (M/F) Removable</b>
<b>EQL-17D6G21D6G-4DB-292MF</b> <a href="https://www.pmi-rf.com/product-details/eql-17d6g21d6g-4db-292mf1">https://www.pmi-rf.com/product-details/eql-17d6g21d6g-4db-292mf1</a>	17.6 - 21.6	0.5 W CW	2.0	-4.0	2.0:1 Max	1.10" x 0.67" x 0.22" 2.92mm Male (J1), 2.92mm Female (J2) <b>2.92mm (M/F) Removable</b>
<b>EQL-17D6G21D6G-8DB-292MF</b> <a href="https://www.pmi-rf.com/product-details/eql-17d6g21d6g-8db-292mf1">https://www.pmi-rf.com/product-details/eql-17d6g21d6g-8db-292mf1</a>	17.6 - 21.6	0.5 W CW	2.0	-8.0	2.0:1 Max	1.10" x 0.67" x 0.22" 2.92mm Male (J1), 2.92mm Female (J2) <b>2.92mm (M/F) Removable</b>
<b>EQL-17D6G21D6G-10DB-292MF</b> <a href="https://www.pmi-rf.com/product-details/eql-17d6g21d6g-10db-292mf1">https://www.pmi-rf.com/product-details/eql-17d6g21d6g-10db-292mf1</a>	17.6 - 21.6	0.5 W CW	2.0	-10.0	2.0:1 Max	1.10" x 0.67" x 0.22" 2.92mm Male (J1), 2.92mm Female (J2) <b>2.92mm (M/F) Removable</b>
<b>EQL-26D5G40G-1D5DB-292MF</b> <a href="https://www.pmi-rf.com/product-details/eql-26d5g40g-1d5db-292mf">https://www.pmi-rf.com/product-details/eql-26d5g40g-1d5db-292mf</a>	26.5 - 40	0.5 W CW	1.5	-5.5	2.0:1 Max	1.10" x 0.67" x 0.22" 2.92mm Male (J1), 2.92mm Female (J2) <b>2.92mm (M/F) Removable</b>

- Amplifiers - Solid State
- Attenuators - Variable/Programmable
- Bi-Phase Modulators
- Couplers (Quadrature, 180, Directional)
- Detectors - RF / Microwave
- DLVAs, ERDLVAs & SDLVAs
- Filters & Switched Filter Banks
- Form, Fit, Functional Products & Services
- Frequency Converters
- Frequency Sources
- Frequency Discriminators & IFM
- Frequency Synthesizers
- Gain & Loss Equalizers
- Integrated MIC/MMIC Assemblies (IMAs)
- IQ Vector Modulators
- Limiters - RF / Microwave
- Log Amps
- Miscellaneous Products
- Monopulse Comparators
- Multifunction Integrated Assemblies (IMAs)
- Phase Shifters & Bi-Phase Modulators
- Power Dividers/Combiners (Passive & Active)
- Pulse Modulators - SP1T
- Rack & Chassis Mount Products
- Receiver Front Ends & Transceivers
- Single Side Band Modulators
- SMT & QFN Products
- Switch Matrices
- Switch Filter Banks
- Switches - Solid-State
- Systems - Radar Sense & Avoid
- Systems - Fly Eye Radar
- Threshold Detectors
- USB Products

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