1.0 PMI Model No. EQL-DC40-10-292FF, DC to 40.0 GHz, Passive Equalizer

PMI Model No. EQL-DC40-10-292FF is a Passive Equalizer that operates over the DC to 40.0 GHz frequency range. It has a maximum input power of 1 W and a typical VSWR of 1.6:1. This model is outfitted with 2.92 mm female removable connectors in a housing measuring 0.53" x 0.70" x 0.26".

- Frequency Range: DC to 40.0 GHz
- Insertion Loss:
  - 10.0 dB @ 10 MHz to 2.0 GHz
  - 2.0 dB @ 38.0 to 40.0 GHz - Measured 1.93 dB
- Input Power: +30 dBm (1 W) Max.
- VSWR: 1.6:1 Typ., 1.8:1 Max.
- Slope: 0.25 ± 0.06 dB/GHz Typ.
- Amplitude Accuracy: ±1 dB Typ. (Compared to Best Fit Straight Line)
2.0 PMI Model No. EQL-DC40-6-292FF, DC to 40.0 GHz, Passive Equalizer

PMI Model No. EQL-DC40-6-292FF is a Passive Equalizer that operates over the DC to 40.0 GHz frequency range. It has a maximum input power of 1 W and a typical VSWR of 1.6:1. This model is outfitted with 2.92 mm female removable connectors in a housing measuring 0.53" x 0.70" x 0.26".

- Frequency Range: DC to 40.0 GHz
- Insertion Loss:
  - 6.0 dB @ 10 MHz to 8.0 GHz
  - 2.5 dB @ 38.0 to 40.0 GHz - Measured 2.47 dB
- VSWR: 1.6:1 Typ., 1.8:1 Max.
- Slope: 0.15 ± 0.05 dB/GHz Typ.
- Amplitude Accuracy: ±1 dB Typ. (Compared to Best Fit Straight Line) - Measured ±0.62 dB
- Input Power: +30 dBm (1 W) Max.

PMI Website Link,

3.0 PMI Model No. EQL-26D5G40G-1D5DB-292MF, 26.5 to 40.0 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-26D5G40G-1D5DB-292MF is a Passive Amplitude Equalizer that operates over the 26.5 to 40.0 GHz frequency range. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. This model is outfitted with a 2.92 mm male and a 2.92 mm female connector in a housing measuring 1.10" x 0.67" x 0.22".

- Frequency Range: 26.5 to 40.0 GHz
- Maximum Input Power: 0.5 W CW
- VSWR In/Out: 2.0:1 Max. - Measured 1.86:1/1.83:1
- Insertion Loss @ 26.5 GHz: 1.5 dB Max. - Measured 1.483 dB
- Slope: 0.41 ± 0.06 dB/GHz
- Amplitude Accuracy: ±0.5 dB (Compared to Best Fit Straight Line)

PMI Website Link,
https://www.pmi-rf.com/product-details/eql-26d5g40g-1d5db-292mf

4.0 PMI Model No. EQL-17D6G21D6G+1D78DB-292MF, 17.6 to 21.6 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D6G21D6G+1D78DB-292MF is a 17.6 to 21.6 GHz Passive Amplitude Equalizer. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. It has a 2.92 mm male and a 2.92 mm female connector in a housing measured at 1.10" x 0.67" x 0.22".

- Frequency Range: 17.6 to 21.6 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.87:1
- Amplitude @ 17.6 GHz: -3 dB Min. - Measured 3.05 dB
5.0 PMI Model No. EQL-17D5G21D5G+10DB-292MF, 17.5 to 21.5 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D5G21D5G+10DB-292MF is a Passive Amplitude Equalizer that operates over the 17.5 to 21.5 GHz frequency range. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. This model is outfitted with a 2.92 mm male and a 2.92 mm female connector in a housing measuring 1.10" x 0.67" x 0.22".

- Frequency Range: 17.5 to 21.5 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.49:1
- Insertion Loss @ 21.5 GHz: 6 dB Max. - Measured 2.76 dB
- Slope:
  - Frequency = 17.5 GHz, Amplitude = -10.2 dB
  - Frequency = 18.0 GHz, Amplitude = -9.5 dB
  - Frequency = 18.5 GHz, Amplitude = -8.6 dB
  - Frequency = 19.0 GHz, Amplitude = -7.6 dB
  - Frequency = 19.5 GHz, Amplitude = -6.4 dB
  - Frequency = 20.0 GHz, Amplitude = -5 dB
  - Frequency = 20.5 GHz, Amplitude = -3.4 dB
  - Frequency = 21.0 GHz, Amplitude = -1.7 dB
  - Frequency = 21.5 GHz, Amplitude = 0 dB
- Accuracy @ Defined Points: ±1.8 dB

PMI Website Link,
https://www.pmi-rf.com/product-details/eql-17d5g21d5g-10db-292mf

6.0 PMI Model No. EQL-17D5G21D5G+4DB-292MF, 17.5 to 21.5 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D5G21D5G+4DB-292MF is a Passive Amplitude Equalizer that operates over the 17.5 to 21.5 GHz frequency range. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. This model is outfitted with a 2.92 mm male and a 2.92 mm female connector in a housing measuring 1.10" x 0.67" x 0.22".

- Frequency Range: 17.5 to 21.5 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.92:1
- Insertion Loss @ 21.5 GHz: 6 dB Max. - Measured 2.16 dB
- Slope:
  - Frequency = 17.5 GHz, Amplitude = -4.2 dB
7.0 PMI Model No. EQL-17D5G21D5G+8DB-292MF, 17.5 to 21.5 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D5G21D5G+8DB-292MF is a Passive Amplitude Equalizer that operates over the 17.5 to 21.5 GHz frequency range. It has maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. This model is outfitted with a 2.92 mm male and a 2.92 mm female connector in a housing measuring 1.10" x 0.67" x 0.22".

- Frequency Range: 17.5 to 21.5 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.45:1
- Insertion Loss @ 21.5 GHz: 6 dB Max. - Measured 1.28 dB
- Slope:
  - Frequency = 17.5 GHz, Amplitude = -7.6 dB
  - Frequency = 18.0 GHz, Amplitude = -7.1 dB
  - Frequency = 18.5 GHz, Amplitude = -6.5 dB
  - Frequency = 19.0 GHz, Amplitude = -5.8 dB
  - Frequency = 19.5 GHz, Amplitude = -4.9 dB
  - Frequency = 20.0 GHz, Amplitude = -3.8 dB
  - Frequency = 20.5 GHz, Amplitude = -2.7 dB
  - Frequency = 21.0 GHz, Amplitude = -1.4 dB
  - Frequency = 21.5 GHz, Amplitude = 0 dB
- Accuracy @ Defined Points: ±2.3 dB

PMI Website Link, https://www.pmi-rf.com/product-details/eql-17d5g21d5g-8db-292mf

8.0 PMI Model No. EQL-17D6G21D6G-10DB-292MF, 17.6 to 21.5 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D6G21D6G-10DB-292MF is an 17.6 to 21.6 GHz, Passive Amplitude Equalizer. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. The housing is outfitted with a 2.92 mm male and a 2.92 mm female connector and is measured at 1.10" x 0.67" x 0.22".

- Frequency Range: 17.6 to 12.6 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.92:1
- Amplitude @ 17.6 GHz: -1 dB Min. - Measured -3.36 dB
9.0 PMI Model No. EQL-17D6G21D6G-2DB-292MF, 17.6 to 21.6 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D6G21D6G-2DB-292MF is a 17.6 to 21.6 GHz, Passive Amplitude Equalizer. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. The housing is measured at 1.10" x 0.67" x 0.22" and has a 2.92 mm male and a 2.92 mm female connector.

- Frequency Range: 17.6 to 21.6 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.66:1
- Amplitude @ 17.6 GHz: -1 dB Min. - Measured -1.32 dB
- Slope:
  - Amplitude @ 17.6 GHz
  - Amplitude - 2 dB @ 21.6 GHz
  - Amplitude = -0.5 dB/GHz * (Frequency Above 17.6 GHz in GHz) + (Amplitude @ 17.6 GHz)
- Linearity: ±0.5 dB

PMI Website Link,
https://www.pmi-rf.com/product-details/eql-17d6g21d6g-2db-292mf1

10.0 PMI Model No. EQL-17D6G21D6G-4DB-292MF, 17.6 to 21.6 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D6G21D6G-4DB-292MF is a 17.6 to 21.6 GHz, Passive Amplitude Equalizer. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. The housing is measured at 1.10" x 0.67" x 0.22" and has a 2.92 mm male and a 2.92 mm female connector.

- Frequency Range: 17.6 to 21.6 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.49:1
- Amplitude @ 17.6 GHz: -1 dB Min. - Measured -1.15 dB
- Slope:
  - Amplitude @ 17.6 GHz
  - Amplitude - 4 dB @ 21.6 GHz
  - Amplitude = -1 dB/GHz * (Frequency Above 17.6 GHz in GHz) + (Amplitude @ 17.6 GHz)
- Linearity: ±0.5 dB

PMI Website Link,
https://www.pmi-rf.com/product-details/eql-17d6g21d6g-4db-292mf1

11.0 PMI Model No. EQL-17D6G21D6G-6DB-292MF, 17.6 to 21.6 GHz, Passive Amplitude Equalizer
12.0 PMI Model No. EQL-17D6G21D6G-8DB-292MF, 17.6 to 21.6 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D6G21D6G-8DB-292MF is a 17.6 to 21.6 GHz, Passive Amplitude Equalizer. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. The housing is outfitted with a 2.92 mm male and a 2.92 mm female connector and is measured at 1.10" x 0.67" x 0.22".

- Frequency Range: 17.6 to 21.6 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.54:1
- Amplitude @ 17.6 GHz: -1 dB Min. - Measured -2.13 dB
- Slope:
  - Amplitude @ 17.6 GHz
  - Amplitude - 6 dB @ 21.6 GHz
  - Amplitude = -1.5 dB/GHz * (Frequency Above 17.6 GHz in GHz) + (Amplitude @ 17.6 GHz)
- Linearity: ±0.5 dB

PMI Website Link,
https://www.pmi-rf.com/product-details/eql-17d6g21d6g-8db-292mf1

13.0 PMI Model No. EQL-17D5G21D5G+12DB-292MF, 17.5 to 21.5 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D5G21D5G+12DB-292MF is a Passive Amplitude Equalizer that operates over the 17.5 to 21.5 GHz frequency range. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. The unit is supplied in a housing measuring 1.10" x 0.67" x 0.22" and has a 2.92 mm male and a 2.92 mm female connector.

- Frequency Range: 17.5 to 21.5 GHz
- Maximum Input Power: 0.5 W CW
- VSWR: 2.0:1 Max. - Measured 1.25:1
• Insertion Loss @ 21.5 GHz: 6 dB Max. - Measured 2.79 dB
• Slope:
  o Frequency = 17.5 GHz, Amplitude = -13.3 dB
  o Frequency = 18.0 GHz, Amplitude = -12.3 dB
  o Frequency = 18.5 GHz, Amplitude = -11.3 dB
  o Frequency = 19.0 GHz, Amplitude = -10 dB
  o Frequency = 19.5 GHz, Amplitude = -8.4 dB
  o Frequency = 20.0 GHz, Amplitude = -6.5 dB
  o Frequency = 20.5 GHz, Amplitude = -4.4 dB
  o Frequency = 21.0 GHz, Amplitude = -2.2 dB
  o Frequency = 21.5 GHz, Amplitude = 0 dB
• Accuracy @ Defined Points: ±2.9 dB

PMI Website Link,
https://www.pmi-rf.com/product-details/eql-17d5g21d5g-12db-292mf

14.0 PMI Model No. EQL-17D5G21D5G+2DB-292MF, 17.5 to 21.5 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D5G21D5G+2DB-292MF is a 17.5 to 21.5 GHz, Passive Amplitude Equalizer. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. The housing is measured at 1.10" x 0.67" x 0.22" and has a 2.92 mm male and a 2.92 mm female connector.

• Frequency Range: 17.5 to 21.5 GHz
• Maximum Input Power: 0.5 W CW
• VSWR: 2.0:1 Max. - Measured 1.53:1
• Insertion Loss @ 21.5 GHz: 6 dB Max. - Measured 1.80 dB
• Slope:
  o Frequency = 17.5 GHz, Amplitude = -1.7 dB
  o Frequency = 18.0 GHz, Amplitude = -1.6 dB
  o Frequency = 18.5 GHz, Amplitude = -1.5 dB
  o Frequency = 19.0 GHz, Amplitude = -1.4 dB
  o Frequency = 19.5 GHz, Amplitude = -1.2 dB
  o Frequency = 20.0 GHz, Amplitude = -0.9 dB
  o Frequency = 20.5 GHz, Amplitude = -0.6 dB
  o Frequency = 21.0 GHz, Amplitude = -0.3 dB
  o Frequency = 21.5 GHz, Amplitude = 0 dB
• Accuracy @ Defined Points: ±0.4 dB

PMI Website Link,
https://www.pmi-rf.com/product-details/eql-17d5g21d5g-2db-292mf

15.0 PMI Model No. EQL-17D5G21D5G+6DB-292MF, 17.5 to 21.5 GHz, Passive Amplitude Equalizer

PMI Model No. EQL-17D5G21D5G+6DB-292MF is a 17.5 to 21.5 GHz, Passive Amplitude Equalizer. It has a maximum input power of 0.5 W CW and a maximum VSWR of 2.0:1. The housing is measured at 1.10" x 0.67" x 0.22" and has a 2.92 mm male and a 2.92 mm female connector.

• Frequency Range: 17.5 to 21.5 GHz
• Maximum Input Power: 0.5 W CW
• VSWR: 2.0:1 Max. - Measured 1.27:1
- Insertion Loss @ 21.5 GHz: 6 dB Max. - Measured 1.42 dB
- Slope:
  - Frequency = 17.5 GHz, Amplitude = -5.6 dB
  - Frequency = 18.0 GHz, Amplitude = -5.3 dB
  - Frequency = 18.5 GHz, Amplitude = -4.8 dB
  - Frequency = 19.0 GHz, Amplitude = -4.2 dB
  - Frequency = 19.5 GHz, Amplitude = -3.5 dB
  - Frequency = 20.0 GHz, Amplitude = -2.7 dB
  - Frequency = 20.5 GHz, Amplitude = -1.8 dB
  - Frequency = 21.0 GHz, Amplitude = -0.8 dB
  - Frequency = 21.5 GHz, Amplitude = 0 dB
- Accuracy @ Defined Points: ±0.8 dB

**PMI Website Link,**
https://www.pmi-rf.com/product-details/eql-17d5g21d5g-6db-292mf

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