

# EQN0412-09 Negative Slope Equalizer

4.0 to 12.0 GHz



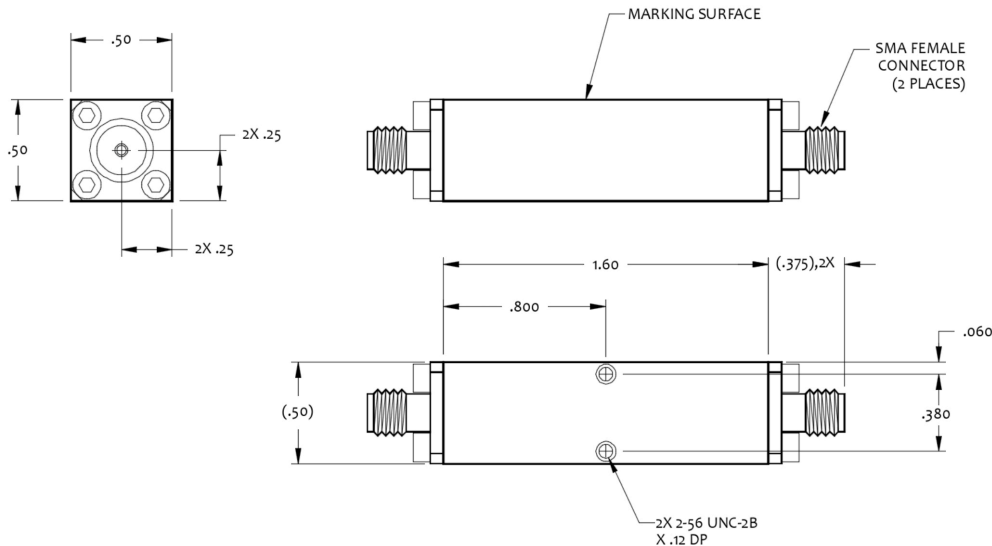
### Technical Characteristics

| Product Features                                            |
|-------------------------------------------------------------|
| Fixed or adjustable attenuation tuning                      |
| Low insertion loss                                          |
| SMA connector standard                                      |
| Impedance 50 or 75 ohms                                     |
| Compact size                                                |
| Meets MIL-E-5400 and MIL-E-16400 environmental requirements |

| Maximum Ratings       |               |
|-----------------------|---------------|
| Max. Input Power      | 250mW         |
| Operating Temperature | -55 to +95°C  |
| Storage Temperature   | -65 to +125°C |
| Specifications @      | 25°C          |

| Parameters       | Freq. (GHz) | Minimum | Typical | Maximum | Units | Conditions |
|------------------|-------------|---------|---------|---------|-------|------------|
| Attenuation      | 4.0 to 12.0 |         | 9.0     |         | dB    |            |
| Insertion Loss   | 12.0        |         | 1.2     |         | dB    |            |
| VSWR             | 4.0 to 12.0 |         | 1.8:1   |         |       |            |
| Linearity        | 4.0 to 12.0 |         | +/-0.8  |         | dB    |            |
| Max. Input Power | 4.0 to 12.0 |         |         | 250     | mW    |            |

### Package Outline



DISCLAIMER: Subject to change without notice.

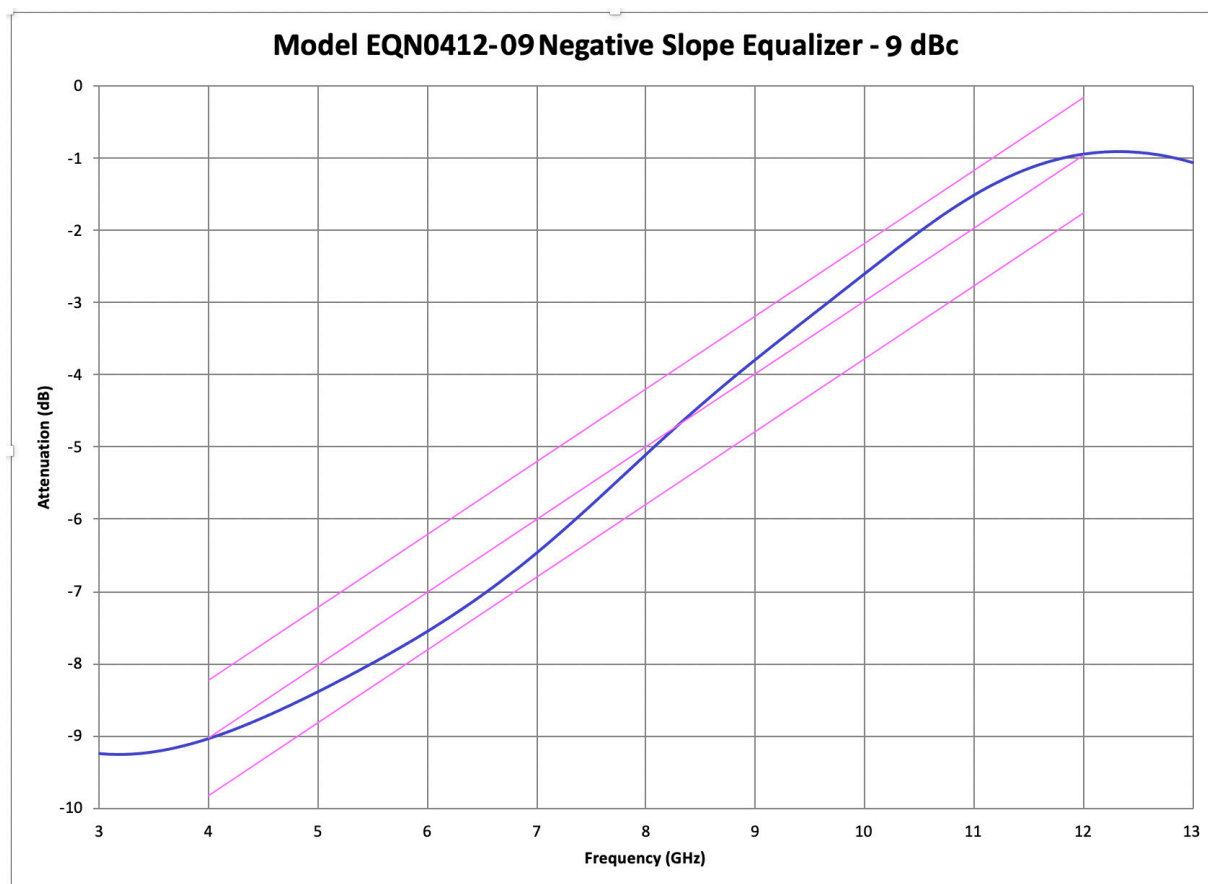
Product Export Classification  
ECCN: EAR 99 (unless otherwise specified)  
HTS: 8534.0090.00

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## Test Data



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