

## FIXED 30 dB ATTENUATOR

DC TO 12 GHz

ATTEN-30

### KEY FEATURES

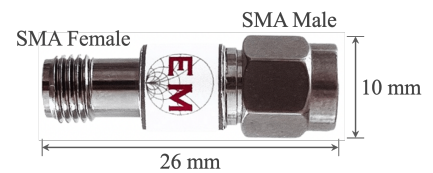
- Economical fixed SMA attenuator
- Consistent broadband performance from DC to 12 GHz (usable up to 20 GHz)
- Typical measurements up to 20 GHz available in .s2p format
- Very low VSWR across the operating region
- Within 0.6 dB of the specified attenuation level up to 12 GHz
- Each attenuator has been individually hand-tested in the USA on a calibrated VNA prior to sale



ATTEN-30

### SPECIFICATIONS

- Connector: SMA Female to SMA Male
- Standard Operating Frequency: DC to 12 GHz
- Impedance: 50  $\Omega$



### PERFORMANCE DATA

| Parameter             | Frequency      | Min. | Typ. | Max. | Unit |
|-----------------------|----------------|------|------|------|------|
| Attenuation           | DC - 4 GHz     | 29.5 | 30.0 | 30.5 | dB   |
|                       | 4 GHz - 8 GHz  | 29.5 | 30.0 | 30.5 |      |
|                       | 8 GHz - 12 GHz | 29.4 | 30.0 | 30.6 |      |
| VSWR                  | DC - 4 GHz     | –    | 1.02 | 1.2  | :1   |
|                       | 4 GHz - 8 GHz  | –    | 1.05 | 1.2  |      |
|                       | 8 GHz - 12 GHz | –    | 1.05 | 1.2  |      |
| Input Power           | DC - 12 GHz    | –    | –    | 1    | W    |
| Operating Temperature | DC - 12 GHz    | –40  | –    | 80   | °C   |

