

Attenuators

SMA Subminiature "MINIPAD"®

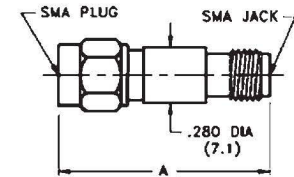
| DC - 8.0 GHz | | 292 Series | Model Numbers |
|--|--|------------------------------------|------------------------------------|
| Male/Female | | Female/Female | Male/Male |
| ATT-0292-XX-SMA-02 | | ATT-292F-XX-SMA-02 | ATT-292M-XX-SMA-02 |
| XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available) | | | |
| <i>HIGH PERFORMANCE</i> | | | |



| DC - 2.0 GHz | | 294 Series | Model Numbers |
|--|--|------------------------------------|------------------------------------|
| Male/Female | | Female/Female | Male/Male |
| ATT-0294-XX-SMA-02 | | ATT-294F-XX-SMA-02 | ATT-294M-XX-SMA-02 |
| XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available) | | | |
| <i>HIGH PERFORMANCE</i> | | | |

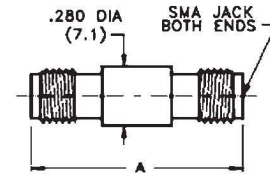
LOW VSWR - Type II High Performance Attenuators

| DC - 18.0 GHz | | 451 Series | Model Numbers |
|---|--|------------------------------------|------------------------------------|
| Male/Female | | Female/Female | Male/Male |
| ATT-0451-XX-SMA-02 | | ATT-451F-XX-SMA-02 | ATT-451M-XX-SMA-02 |
| XX = Attenuation Value: Select 01-30dB in 1dB increments | | | |
| <i>LOW VSWR - see improved performance specifications on page 10.</i> | | | |



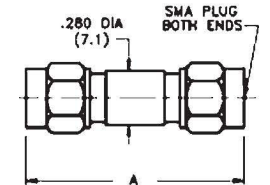
| Attenuation Value | Length A |
|-------------------|----------|
| 1-12 dB | 0.86 |
| 13-30 dB | 1.02 |

| DC - 12.4 GHz | | 452 Series | Model Numbers |
|---|--|------------------------------------|------------------------------------|
| Male/Female | | Female/Female | Male/Male |
| ATT-0452-XX-SMA-02 | | ATT-452F-XX-SMA-02 | ATT-452M-XX-SMA-02 |
| XX = Attenuation Value: Select 01-30dB in 1dB increments | | | |
| <i>LOW VSWR - see improved performance specifications on page 10.</i> | | | |



| Attenuation Value | Length A |
|-------------------|----------|
| 1-12 dB | 0.90 |
| 13-30 dB | 1.03 |

| DC - 4.0 GHz | | 454 Series | Model Numbers |
|---|--|------------------------------------|------------------------------------|
| Male/Female | | Female/Female | Male/Male |
| ATT-0454-XX-SMA-02 | | ATT-454F-XX-SMA-02 | ATT-454M-XX-SMA-02 |
| XX = Attenuation Value: Select 01-30dB in 1dB increments | | | |
| <i>LOW VSWR - see improved performance specifications on page 10.</i> | | | |



| Attenuation Value | Length A |
|-------------------|----------|
| 1-12 dB | 0.98 |
| 13-30 dB | 1.12 |

Note : 1. Low VSWR Models are available in Hex Body - Designate by substituting "HEX" for "SMA" in Model No.