



C50-XX 2.4/Male to 2.4/Female 50 GHZ 0.5 Watt Attenuator

Rev 002

| | |
|-----------------------|----------------------------|
| Electrical | |
| Frequency | DC-50 GHZ |
| VSWR | 1.75 @ 50 Ghz |
| Impedance | 50 Ohms |
| Mechanical | |
| 2.4 Interface per | MIL-STD-348B |
| Operating Temperature | -55°C to +125°C |
| Materials | |
| Body | Passivated Stainless Steel |
| Contact | BeCu |
| Contact Plating | Au per MIL-G-45204 |
| ROHS Compliant | |



| Power Handling | |
|----------------|--|
| Average | 0.5 Watts at 25°C |
| Peak | 500 Watts (2 μsec pulse width, 0.02% duty cycle) |

| Attenuation Accuracy (Max) | | |
|----------------------------|----------------|----------------|
| | DC to 26.5 GHZ | 26.5 to 50 GHZ |
| 3-6 dB | ±.60 dB | ±1.10 dB |
| 10 dB | ±.85 dB | ±1.50 dB |
| 20 dB | ±1.00 dB | ±1.50 dB |
| 30 dB | ±1.10 dB | ±1.75 dB |

| <p>Outline</p> <p>Dimensional Tolerances</p> <table border="1"> <tr> <td>.X</td> <td>±.030</td> </tr> <tr> <td>.XX</td> <td>±.010</td> </tr> <tr> <td>.XXX</td> <td>±.005</td> </tr> </table> | | .X | ±.030 | .XX | ±.010 | .XXX | ±.005 | Related Links | | | |
|--|--------|--------------|--------|-----|-------|------|-------|---------------|--|--|--|
| | | .X | ±.030 | | | | | | | | |
| .XX | ±.010 | | | | | | | | | | |
| .XXX | ±.005 | | | | | | | | | | |
| Typical Data | | Product Page | | | | | | | | | |
| C50-3 | C50-20 | C50-3 | C50-20 | | | | | | | | |
| C50-6 | C50-30 | C50-6 | C50-30 | | | | | | | | |
| C50-10 | | C50-10 | | | | | | | | | |