



## C4N100-XX N/Male to N/Female 100 Watt Attenuator 4 Ghz

Rev 003

|                       |                            |
|-----------------------|----------------------------|
| <b>Electrical</b>     |                            |
| Frequency             | 0-4 Ghz                    |
| VSWR                  | 1.25 Max @ 4 Ghz           |
| Impedance             | 50 Ohms                    |
| <b>Mechanical</b>     |                            |
| N Interface per       | MIL-STD-348B               |
| Operating Temperature | -55°C to +125°C            |
| <b>Materials</b>      |                            |
| Body                  | Passivated Stainless Steel |
| Contacts              | BeCu                       |
| Contact Plating       | Au Per MIL-G-45204         |
| Dielectric            | PTFE per ASTM-D-1710       |
| ROHS Compliant        |                            |



| Power Handling |  |
|----------------|--|
| Average        | 100 Watts at 25°C, de-rated linearly to 5 Watts at 125°C |
| Peak           | 5000 Watts (5 µsec pulse width, 1% duty cycle)           |

0-30 dB Bidirectional; C4N100-40 Unidirectional Female Input; C4N100-40M Unidirectional Male Input

| Attenuation Accuracy (Max) |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|
|                            | 3, 6 dB  | 10 dB    | 20 dB    | 30 dB    | 40 dB    |
| DC-4 Ghz                   | ±0.75 dB | ±0.75 dB | ±0.75 dB | ±1.00 dB | ±1.20 dB |

