

### SAME SERIES IMPEDANCE MATCHING PADS

| Model       | Frequency Range | 50 Ohm Connector | 75 Ohm Connector | Input Power |
|-------------|-----------------|------------------|------------------|-------------|
| 851-871-MM2 | DC - 2 GHz      | SMA male         | SMA male         | 1 Watt      |
| 851-871-MM3 | DC - 3 GHz      | SMA male         | SMA male         | 1 Watt      |
| 851-871-FF2 | DC - 2 GHz      | SMA female       | SMA female       | 1 Watt      |
| 851-871-FF3 | DC - 3 GHz      | SMA female       | SMA female       | 1 Watt      |
| 851-871-MF1 | DC - 1 GHz      | SMA male         | SMA female       | 1 Watt      |
| 851-871-MF2 | DC - 2 GHz      | SMA male         | SMA female       | 1 Watt      |
| 852-872-FF2 | DC - 2 GHz      | N female         | N female         | 1 Watt      |
| 852-872-FF3 | DC - 3 GHz      | N female         | N female         | 1 Watt      |
| 852-872-MF1 | DC - 1 GHz      | N male           | N female         | 1 Watt      |
| 852-872-MF2 | DC - 2 GHz      | N male           | N female         | 1 Watt      |
| 852-872-MF3 | DC - 3 GHz      | N male           | N female         | 1 Watt      |
| 852-872-FM2 | DC - 2 GHz      | N female         | N male           | 1 Watt      |
| 852-872-FM3 | DC - 3 GHz      | N female         | N male           | 1 Watt      |
| 853-873-FF2 | DC - 2 GHz      | TNC female       | TNC female       | 1 Watt      |
| 853-873-MF2 | DC - 2 GHz      | TNC male         | TNC female       | 1 Watt      |
| 853-873-MF3 | DC - 3 GHz      | TNC male         | TNC female       | 1Watt       |
| 853-873-FM2 | DC - 2 GHz      | TNC female       | TNC male         | 1 Watt      |
| 854-874-FF2 | DC - 2 GHz      | BNC female       | BNC female       | 1 Watt      |
| 854-874-MF1 | DC - 1 GHz      | BNC male         | BNC female       | 1 Watt      |
| 854-874-MF2 | DC - 2 GHz      | BNC male         | BNC female       | 1 Watt      |
| 854-874-FM1 | DC - 1 GHz      | BNC female       | BNC male         | 1 Watt      |
| 854-874-FM2 | DC - 2 GHz      | BNC female       | BNC male         | 1 Watt      |

### CUSTOM IMPEDANCE MATCHING PADS

| Model       | Frequency Range | 50 Ohm Connector | 25 Ohm Connector | Input Power |
|-------------|-----------------|------------------|------------------|-------------|
| 851-891-FM0 | DC - 500 MHz    | SMA female       | SMA male         | 1 Watt      |

| Model       | Frequency Range | 50 Ohm Connector | 90 Ohm Connector | Input Power |
|-------------|-----------------|------------------|------------------|-------------|
| 851-894-MF0 | DC - 500 MHz    | BNC male         | BNC female       | 1 Watt      |

| Model       | Frequency Range | 50 Ohm Connector | 93 Ohm Connector | Input Power |
|-------------|-----------------|------------------|------------------|-------------|
| 891-851-MF1 | DC - 1 GHz      | SMA female       | SMA male         | 2 Watts     |
| 854-894-MF1 | DC - 1 GHz      | BNC male         | BNC female       | 1 Watt      |
| 854-894-FM1 | DC - 1 GHz      | BNC female       | BNC male         | 1 Watt      |

| Model       | Frequency Range | 50 Ohm Connector | 125 Ohm Connector | Input Power |
|-------------|-----------------|------------------|-------------------|-------------|
| 894-118-IMP | DC - 1 GHz      | BNC male         | BNC female        | 1 Watt      |

| Model       | Frequency Range | 50 Ohm Connector | 1000 Ohm Connector | Input Power |
|-------------|-----------------|------------------|--------------------|-------------|
| 854-894-MF0 | DC - 50 MHz     | BNC male         | BNC female         | 1 Watt      |

### DC BLOCKING IMPEDANCE MATCHING PADS\*

| Model       | Frequency Range | 50 Ohm Connector | 75 Ohm Connector | Input Power |
|-------------|-----------------|------------------|------------------|-------------|
| 851-879-FFB | 30 - 3000 MHz   | SMA female       | F female         | 1 Watt      |
| 851-879-FMB | 30 - 3000 MHz   | SMA female       | F male           | 1 Watt      |
| 854-874-MFB | 1 - 1800 MHz    | BNC male         | BNC female       | 1 Watt      |

\* Please specify the impedance that requires DC blocking.  
Complete specifications and outline drawings are available on our web site or consult the factory.



## BETWEEN SERIES IMPEDANCE MATCHING PADS

| Model       | Frequency Range | 50 Ohm Connector | 75 Ohm Connector | Input Power |
|-------------|-----------------|------------------|------------------|-------------|
| 851-872-MM2 | DC - 2 GHz      | SMA male         | N male           | 1 Watt      |
| 851-872-MF1 | DC - 1 GHz      | SMA male         | N female         | 1 Watt      |
| 851-872-MF2 | DC - 2 GHz      | SMA male         | N female         | 1 Watt      |
| 851-872-FM2 | DC - 2 GHz      | SMA female       | N male           | 1 Watt      |
| 851-873-FM3 | DC - 3 GHz      | SMA female       | TNC male         | 1 Watt      |
| 851-874-MF1 | DC - 1 GHz      | SMA male         | BNC female       | 1 Watt      |
| 851-874-MF2 | DC - 2 GHz      | SMA male         | BNC female       | 1 Watt      |
| 851-874-FM2 | DC - 2 GHz      | SMA female       | BNC male         | 1 Watt      |
| 851-879-FM3 | DC - 3 GHz      | SMA female       | F male           | 1 Watt      |
| 851-879-MM2 | DC - 2 GHz      | SMA male         | F male           | 1 Watt      |
| 851-879-FF1 | DC - 1 GHz      | SMA female       | F female         | 1 Watt      |
| 851-879-FF2 | DC - 2 GHz      | SMA female       | F female         | 1 Watt      |
| 851-879-FF3 | DC - 3 GHz      | SMA female       | F female         | 1 Watt      |
| 851-879-MF1 | DC - 1 GHz      | SMA male         | F female         | 1 Watt      |
| 851-879-MF2 | DC - 2 GHz      | SMA male         | F female         | 1 Watt      |
| 851-879-MF3 | DC - 3 GHz      | SMA male         | F female         | 1 Watt      |
| 851-879-FM1 | DC - 1 GHz      | SMA female       | F male           | 1 Watt      |
| 851-879-FM2 | DC - 2 GHz      | SMA female       | F male           | 1 Watt      |
| 851-879-FM3 | DC - 3 GHz      | SMA female       | F male           | 1 Watt      |
| 874-851-MF2 | DC - 2 GHz      | SMA female       | BNC male         | 1 Watt      |
| 852-871-MF2 | DC - 2 GHz      | N male           | SMA female       | 1 Watt      |
| 852-871-FM1 | DC - 1 GHz      | N female         | SMA male         | 1 Watt      |
| 852-871-FM2 | DC - 2 GHz      | N female         | SMA male         | 1 Watt      |
| 852-874-FF2 | DC - 2 GHz      | N female         | BNC female       | 1 Watt      |
| 852-874-MF1 | DC - 1 GHz      | N male           | BNC female       | 1 Watt      |
| 852-874-MF2 | DC - 2 GHz      | N male           | BNC female       | 1 Watt      |
| 852-874-FM2 | DC - 2 GHz      | N female         | BNC male         | 1 Watt      |
| 852-879-MM1 | DC - 1 GHz      | N male           | F male           | 1 Watt      |
| 852-879-MM2 | DC - 2 GHz      | N male           | F male           | 1 Watt      |
| 852-879-FF2 | DC - 2 GHz      | N female         | F female         | 1 Watt      |
| 852-879-FF3 | DC - 3 GHz      | N female         | F female         | 1 Watt      |
| 852-879-MF2 | DC - 2 GHz      | N male           | F female         | 1 Watt      |
| 852-879-MF4 | DC - 4 GHz      | N male           | F female         | 1 Watt      |
| 852-879-FM1 | DC - 1 GHz      | N female         | F male           | 1 Watt      |
| 852-879-FM2 | DC - 2 GHz      | N female         | F male           | 1 Watt      |
| 853-874-MF2 | DC - 2 GHz      | TNC male         | BNC female       | 1 Watt      |
| 853-874-FM2 | DC - 2 GHz      | TNC female       | BNC male         | 1 Watt      |
| 853-879-FF2 | DC - 2 GHz      | TNC female       | F female         | 1 Watt      |
| 853-879-MF1 | DC - 1 GHz      | TNC male         | F female         | 1 Watt      |
| 853-879-MF2 | DC - 2 GHz      | TNC male         | F female         | 1 Watt      |
| 853-879-MF3 | DC - 3 GHz      | TNC male         | F female         | 1 Watt      |
| 853-879-FM2 | DC - 2 GHz      | TNC female       | F male           | 1 Watt      |
| 854-872-MM2 | DC - 2 GHz      | BNC male         | N male           | 1 Watt      |
| 854-872-MF2 | DC - 2 GHz      | BNC male         | TNC female       | 1 Watt      |
| 854-874-FM2 | DC - 2 GHz      | BNC female       | TNC male         | 1 Watt      |
| 854-879-FF2 | DC - 2 GHz      | BNC female       | F female         | 1 Watt      |
| 854-879-MF1 | DC - 1 GHz      | BNC male         | F female         | 1 Watt      |
| 854-879-MF2 | DC - 2 GHz      | BNC male         | F female         | 1 Watt      |
| 854-879-MF3 | DC - 3 GHz      | BNC male         | F female         | 1 Watt      |
| 854-879-FM1 | DC - 1 GHz      | BNC female       | F male           | 1 Watt      |
| 854-879-FM2 | DC - 2 GHz      | BNC female       | F male           | 1 Watt      |

Complete specifications and outline drawings are available on our web site or consult the factory.



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## DC BLOCKS

| Model       | Frequency Range  | RF Connector          | Maximum Voltage | Impedance |
|-------------|------------------|-----------------------|-----------------|-----------|
| 851-032-BLK | 10 MHz - 3 GHz   | SMA male / SMA female | 50 Vdc          | 50 Ohm    |
| 851-138-BLK | 10 MHz - 3 GHz   | SMA male / SMA female | 200 Vdc         | 50 Ohm    |
| 851-144-BLK | 10 MHz - 3 GHz   | SMA male / SMA female | 200 Vdc         | 50 Ohm    |
| 851-139-BLK | 10 MHz - 3 GHz   | SMA male / TNC female | 100 Vdc         | 50 Ohm    |
| 852-074-BLK | 10 MHz - 2.5 GHz | N male / N female     | 100 Vdc         | 50 Ohm    |
| 852-032-BLK | 10 MHz - 3 GHz   | N male / N female     | 50 Vdc          | 50 Ohm    |
| 853-032-BLK | 10 MHz - 3 GHz   | TNC male / TNC female | 50 Vdc          | 50 Ohm    |
| 854-007-BLK | 10 MHz - 2 GHz   | BNC male / BNC female | 100 Vdc         | 50 Ohm    |
| 854-032-BLK | 10 MHz - 3 GHz   | BNC male / BNC female | 50 Vdc          | 50 Ohm    |
| 872-145-BLK | 10 MHz - 1 GHz   | N male / N female     | 500 Vdc         | 75 Ohm    |
| 874-107-BLK | 10 MHz - 2 GHz   | BNC male / BNC female | 100 Vdc         | 75 Ohm    |
| 879-126-BLK | 10 MHz - 3 GHz   | F male / F female     | 50 Vdc          | 75 Ohm    |

## FEEDTHRU TERMINATIONS

| Model       | Frequency Range | RF Connector          | Average Power | Impedance |
|-------------|-----------------|-----------------------|---------------|-----------|
| 851-101-FTT | DC - 1 GHz      | SMA male / SMA female | 2 Watts       | 50 Ohm    |
| 851-054-FTT | DC - 1.5 GHz    | SMA male / SMA female | 1 Watt        | 50 Ohm    |
| 852-010-FTT | DC - 1 GHz      | N male / N female     | 2 Watts       | 50 Ohm    |
| 853-048-FTT | DC - 1 GHz      | TNC male / TNC female | 1 Watt        | 50 Ohm    |
| 854-048-FTT | DC - 1 GHz      | BNC male / BNC female | 1 Watt        | 50 Ohm    |
| 854-114-FTT | DC - 500 MHz    | BNC male / BNC female | 2 Watts       | 50 Ohm    |
| 854-086-FTT | DC - 1 GHz      | BNC male / BNC female | 2 Watts       | 50 Ohm    |
| 874-048-FTT | DC - 500 MHz    | BNC male / BNC female | 1 Watt        | 75 Ohm    |
| 874-115-FTT | DC - 500 MHz    | BNC male / BNC female | 2 Watts       | 75 Ohm    |
| 891-057-FTT | DC - 100 MHz    | SMA male / SMA female | 1 Watt        | 93 Ohm    |
| 894-050-FTT | DC - 100 MHz    | BNC male / BNC female | 2 Watts       | 93 Ohm    |
| 894-133-FTT | DC - 1 GHz      | BNC male / BNC female | 2 Watts       | 150 Ohm   |
| 894-113-FTT | DC - 1 GHz      | BNC male / BNC female | 2 Watts       | 300 Ohm   |
| 894-121-FTT | DC - 500 MHz    | BNC male / BNC female | 1 Watt        | 600 Ohm   |

## 50 OHM RF DETECTORS

| Model       | Frequency Range    | RF Input / DC Output Connectors | Polarity | Input Power    |
|-------------|--------------------|---------------------------------|----------|----------------|
| 851-130-POS | 1 - 1000 MHz       | SMA female / BNC male           | Positive | 100 mW maximum |
| 851-130-NEG | 1 - 1000 MHz       | SMA female / BNC male           | Negative | 100 mW maximum |
| 851-078-POS | 1 - 2500 MHz       | SMA male / BNC female           | Positive | 100 mW maximum |
| 851-078-NEG | 1 - 2500 MHz       | SMA male / BNC female           | Negative | 100 mW maximum |
| 851-096-POS | 1 - 2500 MHz       | SMA male / SMA female           | Positive | 100 mW maximum |
| 851-096-NEG | 1 - 2500 MHz       | SMA male / SMA female           | Negative | 100 mW maximum |
| 852-002-POS | 100 kHz - 1000 MHz | N male / BNC female             | Positive | 100 mW maximum |
| 852-002-NEG | 100 kHz - 1000 MHz | N male / BNC female             | Negative | 100 mW maximum |
| 852-078-POS | 1 - 2500 MHz       | N male / BNC female             | Positive | 100 mW maximum |
| 852-078-NEG | 1 - 2500 MHz       | N male / BNC female             | Negative | 100 mW maximum |
| 854-142-POS | 200 kHz - 1500 MHz | BNC male / BNC female           | Positive | 100 mW maximum |
| 854-142-NEG | 200 kHz - 1500 MHz | BNC male / BNC female           | Negative | 100 mW maximum |

## 75 OHM RF DETECTORS

| Model       | Frequency Range    | RF Input / DC Output Connectors | Polarity | Input Power    |
|-------------|--------------------|---------------------------------|----------|----------------|
| 874-143-POS | 200 kHz - 1000 MHz | BNC male / BNC female           | Positive | 100 mW maximum |
| 874-143-NEG | 200 kHz - 1000 MHz | BNC male / BNC female           | Negative | 100 mW maximum |

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