

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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