

COAXIAL TERMINATIONS CONVECTION COOLED



General Specifications

Substrate: Beryllium Oxide
Resistive Material: Thick Film
Connector Body: N-Type, "TNC", "SMA", and "BNC"
Connector Interface: Conforms to MIL-C-39012
Housing: Black Anodized Aluminum
Heat Spreader: Copper
Impedance: 50 Ohms



| Part Number | Connector | Power (W) | Frequency (GHz) | VSWR (max) | Mechanical Outline |
|-------------|-----------|-----------|-------------------------------|----------------------------|--------------------|
| RFT15DXB | SMA | 15 | DC-4.0 4.0-8.0 8.0-12.0 | 1.20:1 1.25:1 1.30:1 | |
| RFT15SXC | SMA | 15 | DC-8.0 DC-8.0 | 1.20:1 1.20:1 | |
| RFT15SXD | SMA | 15 | DC-4.0 DC-4.0 | 1.15:1 1.15:1 | |
| RFT25SXA | SMA | 25 | DC-4.0 4.0-8.0 8.0-12.0 | 1.15:1 1.25:1 1.30:1 | |
| RFT25SXB | SMA | | DC-4.0 4.0-8.0 8.0-18.0 | 1.20:1 1.25:1 1.30:1 | |
| RFT25SXC | SMA | | DC-8.0 DC-8.0 | 1.20:1 | |
| RFT25SXD | SMA | | DC-4.0 DC-4.0 | 1.15:1 | |

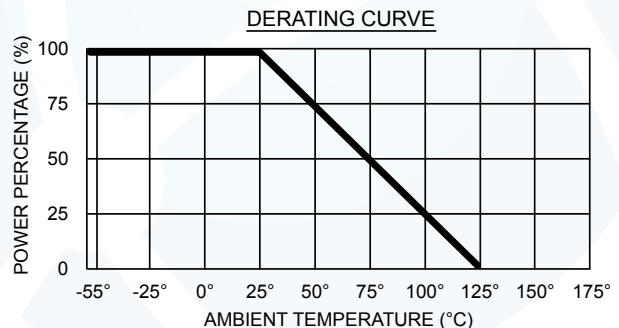
Dimensions are in inches [mm], Tolerance: .XXX = ±0.010, .XX = ±0.015

Ordering Information:

Example: **RFT 25 S X A**

Series ———— ↑
Power (W) ———— ↑
Connector Type ———— ↑
Gender ———— ↑
Frequency Range Indicator ———— ↑

B: BNC
N: N-Type
T: TNC
S: SMA
M: Male
F: Female

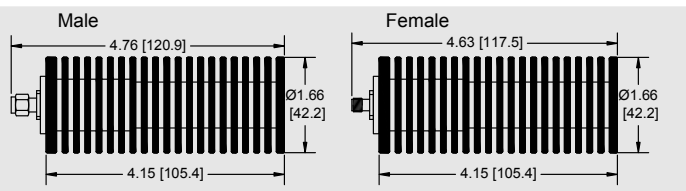
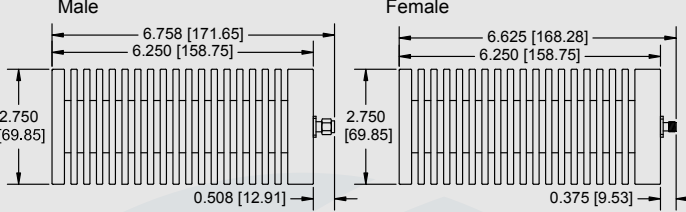
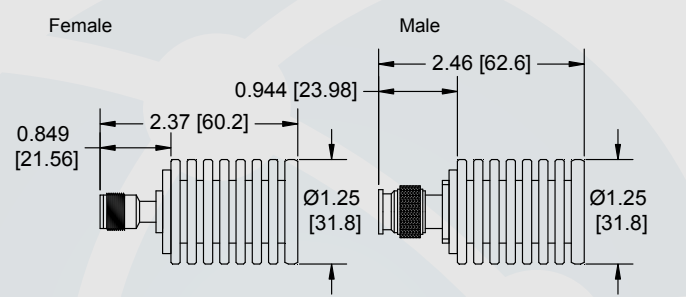


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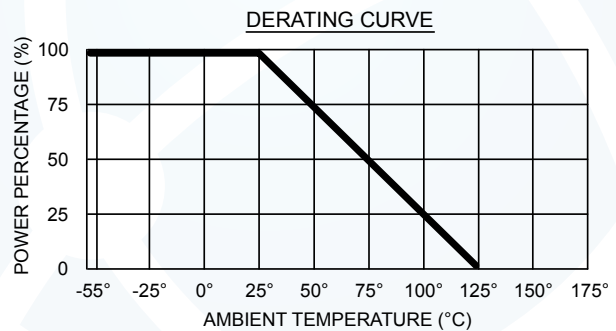
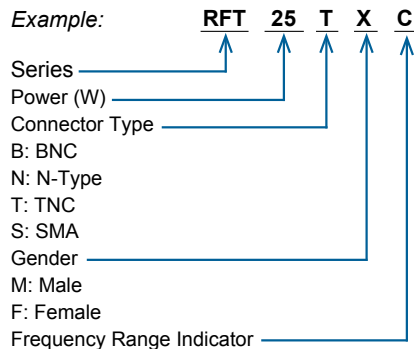
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 Connector Interface: Conforms to MIL-C-39012
 Housing: Black Anodized Aluminum
 Heat Spreader: Copper
 Impedance: 50 Ohms



| Part Number | Connector | Power (W) | Frequency (GHz) | VSWR (max) | Mechanical Outline |
|----------------------------------|-----------|-----------|----------------------------|----------------------------|--|
| RFT50SXE RFT50SXD RFT50SXC | SMA | 50 | DC-2.0 DC-4.0 DC-8.0 | 1.10:1 1.15:1 1.20:1 |  |
| RFT100SXE RFT100SXD | SMA | 100 | DC-4.0 DC-8.0 | 1.15:1 1.20:1 |  |
| RFT10TXD RFT10TXC | TNC | 10 | DC-4.0 DC-8.0 | 1.15:1 1.20:1 |  |
| RFT15TXD RFT15TXC | TNC | 15 | DC-4.0 DC-8.0 | 1.15:1 1.20:1 | |
| RFT25TXD RFT25TXC | TNC | 25 | DC-4.0 DC-8.0 | 1.15:1 1.20:1 | |

Dimensions are in inches [mm], Tolerance: .XXX = ±0.010, .XX = ±0.015

Ordering Information:



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Housing: Black Anodized Aluminum
Heat Spreader: Copper
Impedance: 50 Ohms



| Part Number | Connector | Power (W) | Frequency (GHz) | VSWR (max) | Mechanical Outline |
|-------------------------------------|-----------|-----------|----------------------------|----------------------------|--------------------|
| RFT50TXD RFT50TXC | TNC | 50 | DC-2.0 DC-4.0 | 1.10:1 1.15:1 | |
| RFT100TXF RFT100TXE RFT100TXD | TNC | 100 | DC-1.0 DC-2.0 DC-4.0 | 1.10:1 1.15:1 1.20:1 | |
| RFT10BXE RFT10BXD | BNC | 10 | DC-2.0 DC-4.0 | 1.10:1 1.15:1 | |
| RFT15BXE RFT15BXD | BNC | 15 | DC-2.0 DC-4.0 | 1.10:1 1.15:1 | |
| RFT25BXF RFT25BXE RFT25BXD | BNC | 25 | DC-1.0 DC-2.0 DC-4.0 | 1.10:1 1.15:1 1.20:1 | |
| RFT50BXE RFT50BXD | BNC | 50 | DC-2.0 DC-4.0 | 1.15:1 1.25:1 | |
| RFT100BXE RFT100BXD | BNC | 100 | DC-2.0 DC-4.0 | 1.15:1 1.25:1 | |

Ordering Information on page 75

Dimensions are in inches [mm], Tolerance: .XXX = ±0.010, .XX = ±0.015

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| Part Number | Connector | Power (W) | Frequency (GHz) | VSWR (max) | Mechanical Outline |
|----------------------------------|-----------|----------------------------|-------------------------------|-------------------------------|--------------------|
| RFT10NXA | N-TYPE | 10 | DC-4.0 4.0-8.0 8.0-12.0 | 1.15:1 1.25:1 1.30:1 | |
| RFT10NXE RFT10NXD RFT10NXC | N-TYPE | | DC-2.0 DC-4.0 DC-8.0 | 1.10:1 1.15:1 1.20:1 | |
| RFT15NXA | N-TYPE | | 15 | DC-4.0 4.0-8.0 8.0-12.0 | |
| RFT15NXE RFT15NXD RFT15NXC | N-TYPE | DC-2.0 DC-4.0 DC-8.0 | | 1.10:1 1.15:1 1.20:1 | |

Dimensions are in inches [mm], Tolerance: .XXX = ±0.010, .XX = ±0.015

Ordering Information:

Example: **RFT 15 N X C**

Series ↑

Power (W) ↑

Connector Type ↑

B: BNC

N: N-Type

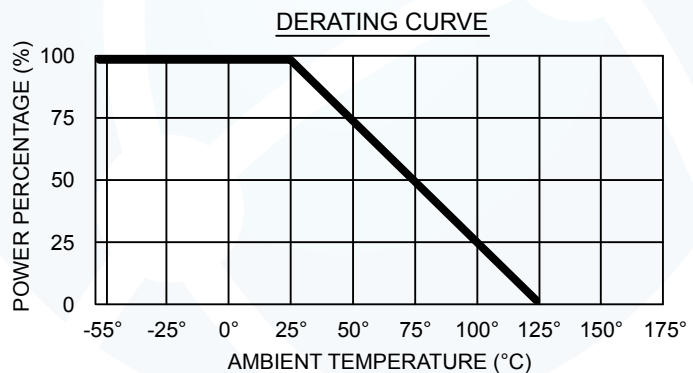
S: SMA

Gender ↑

M: Male

F: Female

Frequency Range Indicator ↑



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Housing: Black Anodized Aluminum
Heat Spreader: Copper
Impedance: 50 Ohms



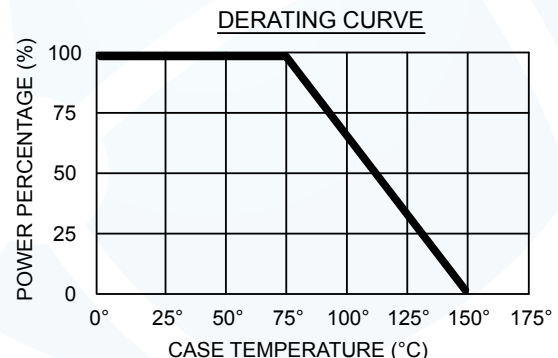
| Part Number | Connector | Power (W) | Frequency (GHz) | VSWR (max) | Mechanical Outline |
|----------------------------------|-----------|-----------|-------------------------------|----------------------------|--------------------|
| RFT25NXA | N-TYPE | 25 | DC-4.0 4.0-8.0 8.0-12.0 | 1.15:1 1.25:1 1.30:1 | |
| RFT25NXE RFT25NXD RFT25NXC | N-TYPE | | DC-2.0 DC-4.0 DC-8.0 | 1.10:1 1.15:1 1.20:1 | |
| | | | | | |
| RFT50NXE RFT50NXD RFT50NXC | N-TYPE | 50 | DC-2.0 DC-4.0 DC-8.0 | 1.10:1 1.15:1 1.20:1 | |
| | | | | | |
| RFT100NXE RFT100NXD | N-TYPE | 100 | DC-2.0 DC-4.0 | 1.10:1 1.15:1 | |

Ordering Information:

Example: **RFT 100 N X D**

Series ———— ↑
Power (W) ———— ↑
Connector Type ———— ↑
B: BNC
N: N-Type
Gender ———— ↑
M: Male
F: Female
Frequency Range Indicator ———— ↑

Dimensions are in inches [mm], Tolerance: .XXX = ±0.010, .XX = ±0.015

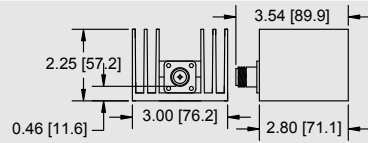
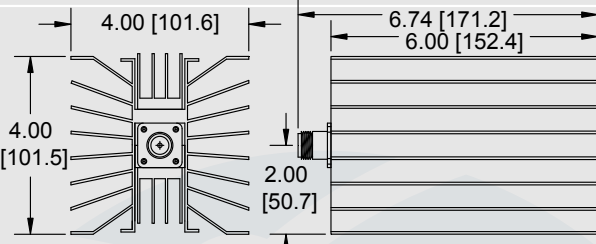
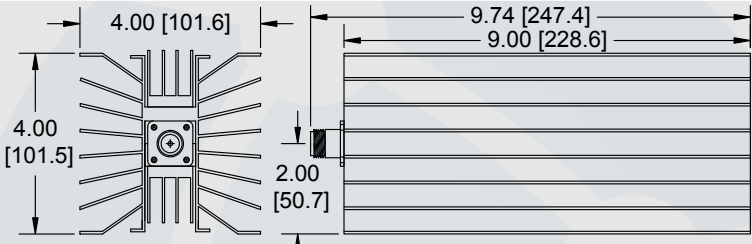
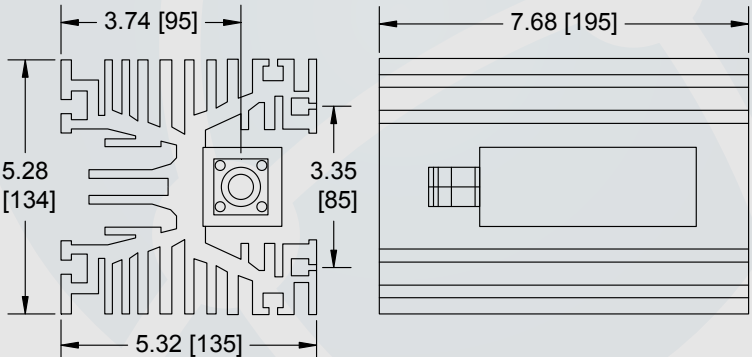


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 Connector Body: N-Type, other Connections available upon request
 Connector Interface: Conforms to MIL-C-39012
 Housing: Black Anodized Aluminum
 Heat Spreader: Copper
 Impedance: 50 Ohms



| Part Number | Power (W) | Frequency (GHz) | VSWR (max) | Mechanical Outline |
|--------------------------|------------|------------------|------------------|--|
| RFT30NF RFT60NF | 30 60 | DC-5.0 DC-5.0 | 1.20:1 1.20:1 |  |
| RFT100NF RFT150NF | 100 150 | DC-5.0 DC-5.0 | 1.20:1 1.20:1 |  |
| RFT250NF | 250 | DC-5.0 | 1.20:1 |  |
| RFT250NF-6 RFT250NM-6 | 250 | DC-6.0 | 1.20:1 |  |

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| Part Number | Power (W) | Frequency (GHz) | VSWR (max) | Mechanical Outline |
|-------------|-----------|-----------------|------------|--------------------|
| RFT500NF | 500 | DC-3.0 | 1.20:1 | |
| RFT1000NF | 1000 | DC-3.0 | 1.20:1 | |
| RFT1500NF | 1500 | DC-0.5 | 1.25:1 | |
| RFT2000NF | 2000 | DC-0.5 | 1.25:1 | |

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