

# QLPT0650

## 0.35~6GHz, 50W

Features:  
 \* Low VSWR  
 \* Low PIM

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency Range:	0.35~6GHz
VSWR:	1.25 max. @0.35~4GHz 1.3 max. @0.35~6GHz
IM3:	-150dBc/-155dBc/-160dBc @2*43dBm max.
Average Power <sup>*1</sup> :	50W@25°C
Impedance:	50Ω

[1] Derated linearly to 5W@125°C.

### Environmental

Temperature: -35~+75°C

### How To Order

#### QLPT0650-W-X-Y-Z

W: Frequency in GHz

X: Connector type

Y: IM3

Z: Waterproof rating

Connector naming rules:

N - N Male (Outline A)

NF - N Female (Outline B)

7 - 7/16 DIN Male (Outline C)

7F - 7/16 DIN Female (Outline D)

4 - 4.3-10 Male (Outline E)

4F - 4.3-10 Female (Outline F)

IM3 naming rules:

150 - 150dBc

155 - 155dBc

160 - 160dBc

Waterproof rating naming rules:

65 - IP65

67 - IP67

Examples:

To order an termination, 0.35~4GHz, N male, -150dBc, IP65, specify QLPT0650-4-N-150-65.

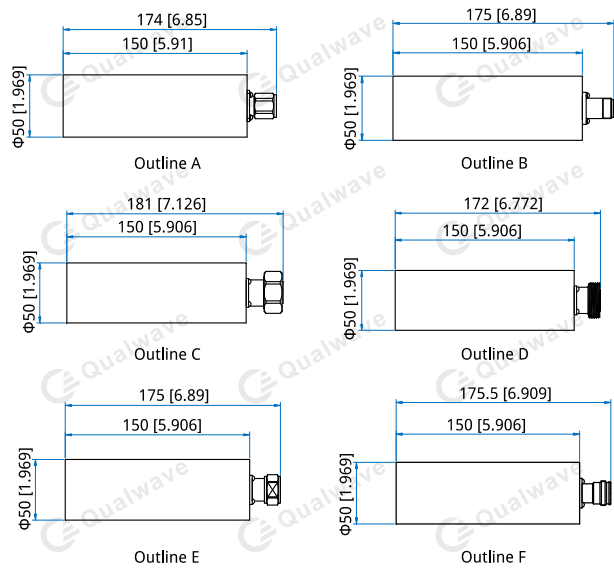
Customization is available upon request.

### Mechanical

RF Connectors: N Male & Female  
 7/16 DIN Male & Female  
 4.3-10 Male & Female

Waterproof Rating: IP65/IP67

### Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 5\%$