

QFA2650

DC~26.5GHz, 50W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	DC~26.5GHz
Attenuation:	3~60dB
Impedance:	50Ω
Average Power*1:	50W@25°C max.

[1] Derated linearly to 2.5W@120°C.

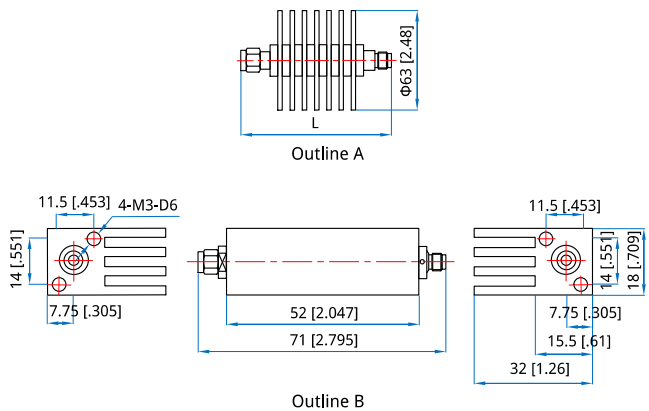
Mechanical

Weight:	120~200g typ.
RF Connectors:	3.5mm, SMA
Housing:	Aluminum
Outer Conductor:	Gold plated brass or Stainless steel
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+85°C
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Outline Drawings



Unit: mm [in]
Tolerance: ± 2 mm [± 0.08 in]

Connector	Attenuation (dB)	L (mm [in])
3.5mm	3~60	74 [2.913]
SMA	10~60	71 [2.795]

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (\pm dB) vs. Attenuation (dB)						VSWR (max.)
	3	6	10	20~40	50	60	
DC~18	± 0.8	± 1.0	± 1.0	± 1.0	± 1.0	-1.0/+0.75	1.25
18~26.5	-0.8/+1.0	-1.0/+1.7	-1.0/+2.5	-1.0/+1.5	± 1.0	± 1.0	1.30

How To Order

QFA2650-X-Y-Z

- X: Frequency in GHz
- Y: Attenuation in dB
- Z: Connector type

Examples:

To order an attenuator, DC-26.5GHz, SMA male to SMA female, 30dB attenuation, Cuboid, specify QFA2650-26.5-30-S2.

Connector and shape naming rules:

- 31 - Cylinder, 3.5mm (Outline A)
- 32 - Cuboid, 3.5mm (Outline B)
- S1 - Cylinder, SMA (Outline A)
- S2 - Cuboid, SMA (Outline B)