QFA2610

DC~26.5GHz, 10W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~26.5GHz
Attenuation:	1~70dB
Impedance:	50Ω
Average Power*[1]:	10W@25°C max.

[1] Derated linearly to 0.5W@120°C.

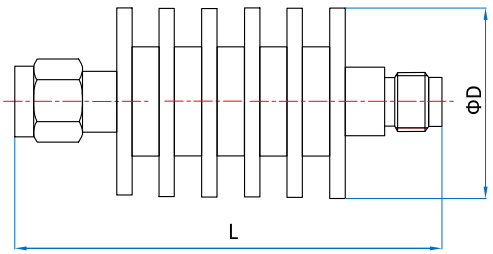
Mechanical

RF Connectors:	3.5mm, SMA
Housing:	Aluminum
Outer Conductor:	Gold/Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+85°C

Outline Drawings



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

Connector	Attenuation (dB)	ΦD (mm [in])	L (mm [in])
SMA	3~40	16.5 [.65]	46.5 [1.831]
3.5mm	1~70	26 [1.024]	45.8 [1.803]

Attenuation Accuracy and VSWR (3.5mm)

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)						VSWR (max.)
	1~10	20, 30	40	50	60	70	
DC~12.4	±0.6	±0.5	-0.5/+0.7	±1	-1/+1.5	-1.2/+1.5	1.15
12.4~18	±0.8	±0.8	-0.5/+1	-1/+1.2	-1/+1.5	-1.2/+1.5	1.2
18~26.5	±1	-0.5/+1.2	-0.5/+1.2	-1/+1.5	-1/+1.5	-1.2/+1.8	1.25

Attenuation Accuracy and VSWR (SMA)

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	3, 6	10	20	30, 40	
DC~4	±0.4	±0.4	±0.4	±0.4	1.15
4~8	±0.4	±0.5	±0.5	±0.5	1.2
8~12.4	±0.6	±0.6	±0.6	±0.6	1.25
12.4~18	±0.8	±1	±1	±1	1.3
18~26.5	-0.5/+1.0	-0.5/+1.5	-0.5/+1.2	±1.2	1.35

How To Order

QFA2610-X-Y-Z

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

Connector naming rules:
3 - 3.5mm
S - SMA

Examples:
To order an attenuator, DC-26.5GHz, SMA male to SMA female, 3dB attenuation, specify QFA2610-26.5-3-S.