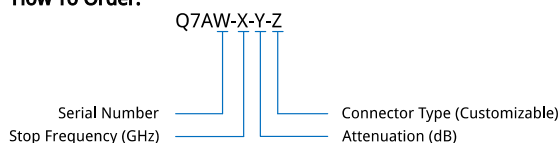


## Coaxial Fixed Attenuators (75Ω)

### How To Order:



**Examples:** To order a 75Ω coaxial fixed attenuator, DC~1GHz, 1W, attenuation 10dB, F male to F female, specify Q7A0101-1-10-F.



### 1W, F

Part Number*	Frequency (GHz)	Average Power* (W@25°C)	Accuracy (dB) and Attenuation (dB)				VSWR (max.) 1/2/4/8/10/16/20	Impedance	Connector
			1/2/4/8	10	16	20			
Q7A0101-1-X-F	DC~1	1	±0.4	±0.5	±0.5	±1.0	1.1	75Ω	F

'X' in the above table represents attenuation (dB). Size: 50\*18\*20mm. Operating temperature: -55~+125°C.

Derated linearly to 0.2W@125°C. Peak Power: 0.5KW (5μS pulse width, 0.2% duty cycle).

### 1W, F/N

Part Number*	Frequency (GHz)	Average Power* (W@25°C)	Accuracy (dB) and Attenuation (dB)				VSWR (max.) 10/ 20/ 30/ 40	Impedance	Connector
			10	20	30	40			
Q7A0101-1-X-FF-A	0.1~1	1	±0.5	±1.0	±0.5	-2.0	1.15	75Ω	F (f)
Q7A0101-1-X-FF-B	0.1~1	1	±0.5	±1.0	±0.5	-2.0	1.15	75Ω	F (f)
Q7A0101-1-X-N	0.1~1	1	±0.5	±1.0	±0.5	-2.0	1.15	75Ω	N

'X' in the above table represents attenuation (dB). F (f) A Size: 47.5\*37\*20mm, F (f) B Size: 59\*37\*20mm. Operating temperature: -55~+125°C.

Derated linearly to 0.2W@125°C. Peak Power: 0.5KW (5μS pulse width, 0.2% duty cycle).

### 2W, F/N/BNC

Part Number*	Frequency (GHz)	Average Power* (W@25°C)	Accuracy (dB) and Attenuation (dB)			VSWR (max.) 10/20/30	Impedance	Connector
			10	20	30			
Q7A0302-1-X-F	DC~1	2	±0.4	±0.4	±0.4	1.15	75Ω	F
Q7A0302-1-X-N	DC~1	2	±0.4	±0.4	±0.4	1.15	75Ω	N
Q7A0302-1-X-B	DC~1	2	±0.4	±0.4	±0.4	1.15	75Ω	BNC
Q7A0302-3-X-F	DC~3	2	±0.4	±0.5	±0.6	1.25	75Ω	F
Q7A0302-3-X-N	DC~3	2	±0.4	±0.5	±0.6	1.25	75Ω	N
Q7A0302-3-X-B	DC~3	2	±0.4	±0.5	±0.6	1.25	75Ω	BNC

'X' in the above table represents attenuation (dB). Size: Φ20\*70mm. Operating temperature: -55~+125°C.

Derated linearly to 0.5W@125°C. Peak Power: 0.5KW (5μS pulse width, 0.5% duty cycle).



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**5W, F/ N/ BNC**

Part Number*	Frequency (GHz)	Average Power* (W@25°C)	Accuracy (dB) and Attenuation (dB)			VSWR (max.)	Impedance	Connector
			10	20	30	10/20/30		
Q7A0305-1-X-F	DC~1	5	±0.4	±0.4	±0.4	1.15	75Ω	F
Q7A0305-1-X-N	DC~1	5	±0.4	±0.4	±0.4	1.15	75Ω	N
Q7A0305-1-X-B	DC~1	5	±0.4	±0.4	±0.4	1.15	75Ω	BNC
Q7A0305-3-X-F	DC~3	5	±0.4	±0.5	±0.6	1.25	75Ω	F
Q7A0305-3-X-N	DC~3	5	±0.4	±0.5	±0.6	1.25	75Ω	N
Q7A0305-3-X-B	DC~3	5	±0.4	±0.5	±0.6	1.25	75Ω	BNC

\*X' in the above table represents attenuation (dB). Size: Φ20\*70mm. Operating temperature: -55--+125°C.

Derated linearly to 0.5W@125°C. Peak Power: 1KW (5μS pulse width, 0.5% duty cycle).



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