



mmWave Coaxial Fixed Attenuators Quick Selection Reference Guide

1.0mm-110G, 1.85mm-67G, 2.4mm-50G, 2.92mm-40G, SMA-27G

ZTS mmWave coaxial attenuators have SMA, 3.5mm, 2.92mm, 2.4mm, 1.85mm, and 1.0mm connectors, with a maximum frequency of DC-110G and a maximum power of 100W. With market demand, the company is also developing attenuator products with higher frequencies and higher powers.

ZTS mmWave coaxial attenuators can be customized for power, frequency, connectors, appearance dimensions, etc. according to customer needs. The connectors can be mixed, and the male/female connectors can be mixed. The male and female connectors at both ends of the connector can be male to male, male to female, female to female, or female to male.

1W mmWave Coaxial Fixed Attenuators (1.0mm-110G)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA1-110B-YA	1W	DC-110	3-10dB	1.60	1.0mm	Bi-directional	L=15.4mm

2W mmWave Coaxial Fixed Attenuators (1.85mm-67G, 2.4mm-50G, 2.92mm-40G, SMA-27G)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA2V-67B-YA	2W	DC-67G	3-30dB	1.35	1.85mm	Bi-directional	Ø9×18.5mm
ZFA2U-50B-YA	2W	DC-50G	1-30dB	1.30	2.4mm	Bi-directional	Ø9×19.7mm
ZFA2K-40B-YA+	2W	DC-40G	31-80dB	/	2.92mm	Bi-directional	/
ZFA2K-40B-YA	2W	DC-40G	1-30dB	1.25	2.92mm	Bi-directional	Ø9×17.2mm
ZFA2S-27B-YB	2W	DC-27G	1-30dB	1.25	SMA	Bi-directional	Ø9×21.8mm

5W mmWave Coaxial Fixed Attenuators (1.85mm-67G, 2.4mm-50G, 2.92mm-40G, SMA-27G)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA5V-67B-YA	5W	DC-67G	3-30dB	1.40	1.85mm	Bi-directional	Ø31.8×17.8mm
ZFA5U-50B-YA	5W	DC-50G	1-30dB	1.30	2.4mm	Bi-directional	Ø31.8×17.8mm
ZFA5K-40B-YA	5W	DC-40G	1-30dB	1.25	2.92mm	Bi-directional	Ø15.8×17.8mm
ZFA5S-26B-YA	5W	DC-26.5G	1-30dB	1.25	SMA	Bi-directional	Ø15.8×17.8mm

10W mmWave Coaxial Fixed Attenuators (2.4mm-50G, 2.92mm-40G, SMA-27G)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA10U-50B-YA	10W	DC-50G	1-30dB	1.40	2.4mm	Bi-directional	L=25.2mm
ZFA10K-40B-YA	10W	DC-40G	1-30dB	1.25	2.92mm	Bi-directional	Ø31.8×17.8mm
ZFA10S-26B-YA	10W	DC-26.5G	1-30dB	1.25	SMA	Bi-directional	Ø31.8×17.8mm

20W mmWave Coaxial Fixed Attenuators (2.92mm-40G, SMA-27G)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA20K-40MF-YA	20W	DC-40G	3-30dB	1.30	2.92mm	uni-directional	Ø44×33.8mm
ZFA20S-26MF-YA	20W	DC-26.5G	3-30dB	1.30	SMA	uni-directional	Ø44×33.8mm

30W mmWave Coaxial Fixed Attenuators (2.92mm-40G, SMA-27G)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA30K-40MF-YA	30W	DC-40G	6-40dB	1.35	2.92mm	uni-directional	Ø54×41.8mm
ZFA30S-26MF-YA	30W	DC-26.5G	20-40dB	1.30	SMA	uni-directional	Ø54×41.8mm

50W mmWave Coaxial Fixed Attenuators (2.92mm-40G, SMA-27G)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA50K-40MF-YA	50W	DC-40G	10-40dB	1.40	2.92mm	uni-directional	Ø54×88.8mm
ZFA50S-26MF-YA	50W	DC-26.5G	10-40dB	1.30	SMA	uni-directional	Ø54×88.8mm

100W mmWave Coaxial Fixed Attenuators (2.92mm-40G, SMA-27G)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA100K-40MF-YA	100W	DC-40G	20-60dB	1.40	2.92mm	uni-directional	L=178mm
ZFA100S-26MF-YA	100W	DC-26.5G	20-50dB	1.40	SMA	uni-directional	L=180mm



Coaxial Fixed Attenuators Quick Selection Reference Guide

**2000W/1500W/1000W/600W/500W/400W/300W/200W/
100W/50W/30W/25W/20W/15W/10W/5W/2W**

ZTS coaxial fixed attenuators have SMA, N, BNC, DIN 7/16, 4.3-10, TNC, QMA connectors, with a maximum frequency of 18G and a maximum power of 2000W. With the demand of the market, the company is also developing attenuator products with higher frequencies and higher powers.

ZTS coaxial fixed attenuators can be customized for power, frequency, connectors, appearance dimensions, etc. according to customer needs. The connectors can be mixed, and the male/female connectors can be mixed. The male and female connectors at both ends of the connector can be male to male, male to female, female to female, or female to male.

2000W Coaxial Fixed Attenuators (DIN 7/16)							
Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA2000D-1MF-YA	2000W	DC-1G	30-60dB	1.30	DIN 7/16	Uni-directional	641×220×508mm
ZFA2000D-2MF-YA	2000W	DC-2G	30-60dB	1.30	DIN 7/16	Uni-directional	641×220×508mm
ZFA2000D-3MF-YA	2000W	DC-3G	30-60dB	1.35	DIN 7/16	Uni-directional	641×220×508mm
ZFA2000D-4MF-YA	2000W	DC-4G	30-60dB	1.40	DIN 7/16	Uni-directional	641×220×508mm

1500W Coaxial Fixed Attenuators (N、DIN 7/16)							
Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA1500N-1MF-YA	1500W	DC-1G	20-50dB	1.25	N	Uni-directional	585×200×508mm
ZFA1500N-2MF-YA	1500W	DC-2G	20-50dB	1.30	N	Uni-directional	585×200×508mm
ZFA1500N-3MF-YA	1500W	DC-3G	20-50dB	1.35	N	Uni-directional	585×200×508mm
ZFA1500N-4MF-YA	1500W	DC-4G	20-50dB	1.40	N	Uni-directional	585×200×508mm
ZFA1500D-1MF-YA	1500W	DC-1G	20-50dB	1.25	DIN 7/16	Uni-directional	585×200×508mm
ZFA1500D-2MF-YA	1500W	DC-2G	20-50dB	1.30	DIN 7/16	Uni-directional	585×200×508mm
ZFA1500D-3MF-YA	1500W	DC-3G	20-50dB	1.35	DIN 7/16	Uni-directional	585×200×508mm
ZFA1500D-4MF-YA	1500W	DC-3G	20-50dB	1.35	DIN 7/16	Uni-directional	585×200×508mm

1000W Coaxial Fixed Attenuators (N、DIN 7/16)							
Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA1000N-1MF-YB	1000W	DC-1G	10-50dB	1.20	N	Uni-directional	486×220×508mm
ZFA1000N-2MF-YB	1000W	DC-2G	10-50dB	1.30	N	Uni-directional	486×220×508mm
ZFA1000N-3MF-YB	1000W	DC-3G	10-50dB	1.35	N	Uni-directional	486×220×508mm
ZFA1000N-4MF-YB	1000W	DC-4G	10-50dB	1.40	N	Uni-directional	486×220×508mm
ZFA1000D-1MF-YB	1000W	DC-1G	10-50dB	1.20	DIN 7/16	Uni-directional	486×220×508mm
ZFA1000D-2MF-YB	1000W	DC-2G	10-50dB	1.30	DIN 7/16	Uni-directional	486×220×508mm
ZFA1000D-3MF-YB	1000W	DC-3G	10-50dB	1.35	DIN 7/16	Uni-directional	486×220×508mm
ZFA1000D-4MF-YB	1000W	DC-4G	10-50dB	1.40	DIN 7/16	Uni-directional	486×220×508mm

600W Coaxial Fixed Attenuators (N)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA600N-4MF-YT	600W	DC-4G	10-60dB	1.25	N	Uni-directional	509×110×120mm
ZFA600N-6MF-YT	600W	DC-6G	10-60dB	1.30	N	Uni-directional	509×110×120mm
ZFA600N-8MF-YT	600W	DC-8.5G	10-60dB	1.30	N	Uni-directional	509×110×120mm
ZFA600N-12MF-YT	600W	DC-12.4G	10-60dB	1.40	N	Uni-directional	509×110×120mm
ZFA600N-18MF-YT	600W	DC-18G	10-60dB	1.50	N	Uni-directional	509×110×120mm
ZFA600N-1MF-YP	600W	DC-1G	10-60dB	1.10	N	Uni-directional	342×85×115mm
ZFA600N-2MF-YP	600W	DC-2G	10-60dB	1.15	N	Uni-directional	342×85×115mm
ZFA600N-3MF-YP	600W	DC-3G	10-60dB	1.20	N	Uni-directional	342×85×115mm
ZFA600N-4MF-YP	600W	DC-4G	10-60dB	1.25	N	Uni-directional	342×85×115mm
ZFA600N-4MF-YF	600W	DC-4G	10-60dB	1.30	N	Uni-directional	435×130×220mm
ZFA600N-6MF-YF	600W	DC-6G	10-60dB	1.30	N	Uni-directional	435×130×220mm
ZFA600N-8MF-YF	600W	DC-8.5G	10-60dB	1.35	N	Uni-directional	435×130×220mm
ZFA600N-12MF-YF	600W	DC-12.4G	10-60dB	1.35	N	Uni-directional	435×130×220mm
ZFA600N-18MF-YF	600W	DC-18G	10-60dB	1.50	N	Uni-directional	435×130×220mm

1. P series 600W attenuator is a high power attenuator with peak power of 10KW and better pulse width.
2. F series 600W attenuator is a high power attenuator with fans built in and CW input power could be 600Watts;

500W Coaxial Fixed Attenuators (N)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA500N-4MF-YT	500W	DC-4G	6-60dB	1.25	N	Uni-directional	509×110×120mm
ZFA500N-6MF-YT	500W	DC-6G	10-60dB	1.30	N	Uni-directional	509×110×120mm
ZFA500N-8MF-YT	500W	DC-8.5G	10-60dB	1.30	N	Uni-directional	509×110×120mm
ZFA500N-12MF-YT	500W	DC-12.4G	10-60dB	1.40	N	Uni-directional	509×110×120mm
ZFA500N-18MF-YT	500W	DC-18G	10-60dB	1.50	N	Uni-directional	509×110×120mm
ZFA500N-1MF-YP	500W	DC-1G	10-60dB	1.10	N	Uni-directional	337×85×115mm
ZFA500N-2MF-YP	500W	DC-2G	10-60dB	1.15	N	Uni-directional	337×85×115mm
ZFA500N-3MF-YP	500W	DC-3G	10-60dB	1.20	N	Uni-directional	337×85×115mm
ZFA500N-4MF-YP	500W	DC-4G	10-60dB	1.25	N	Uni-directional	337×85×115mm
ZFA500N-4MF-YF	500W	DC-4G	10-60dB	1.25	N	Uni-directional	435×130×220mm
ZFA500N-6MF-YF	500W	DC-6G	10-60dB	1.30	N	Uni-directional	435×130×220mm
ZFA500N-8MF-YF	500W	DC-8.5G	10-60dB	1.30	N	Uni-directional	435×130×220mm
ZFA500N-12MF-YF	500W	DC-12.4G	10-60dB	1.35	N	Uni-directional	435×130×220mm
ZFA500N-18MF-YF	500W	DC-18G	10-60dB	1.50	N	Uni-directional	435×130×220mm
ZFA500N-4MF-YW	500W	DC-4G	10-60dB	1.25	N	Uni-directional	259.6×138.7×109.5mm

500W Coaxial Fixed Attenuators (N)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA500N-6MF-YW	500W	DC-6G	10-60dB	1.30	N	Uni-directional	259.6×138.7×109.5mm
ZFA500N-8MF-YW	500W	DC-8.5G	10-60dB	1.30	N	Uni-directional	259.6×138.7×109.5mm
ZFA500N-12MF-YW	500W	DC-12.4G	10-60dB	1.40	N	Uni-directional	259.6×138.7×109.5mm
ZFA500N-18MF-YW	500W	DC-18G	10-60dB	1.50	N	Uni-directional	259.6×138.7×109.5mm

1. P series 500W attenuator is a high power attenuator with peak power of 10KW and better pulse width.
2. F series 500W attenuator is a high power attenuator with fans built in and CW input power could be 500Watts;

400W Coaxial Fixed Attenuators (N)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA400N-4MF-YT	400W	DC-4G	20-60dB	1.20	N	Uni-directional	407×110×120mm
ZFA400N-6MF-YT	400W	DC-6G	20-60dB	1.25	N	Uni-directional	407×110×120mm
ZFA400N-8MF-YT	400W	DC-8.5G	20-60dB	1.25	N	Uni-directional	407×110×120mm
ZFA400N-8MF-YT	400W	DC-12.4G	20-60dB	1.35	N	Uni-directional	407×110×120mm
ZFA400N-18MF-YT	400W	DC-18G	20-60dB	1.45	N	Uni-directional	407×110×120mm
ZFA400N-1MF-YP	400W	DC-1G	10-60dB	1.10	N	Uni-directional	285×85×115mm
ZFA400N-2MF-YP	400W	DC-2G	10-60dB	1.15	N	Uni-directional	285×85×115mm
ZFA400N-3MF-YP	400W	DC-3G	10-60dB	1.20	N	Uni-directional	285×85×115mm
ZFA400N-4MF-YP	400W	DC-4G	10-60dB	1.25	N	Uni-directional	285×85×115mm

1. P series 400W attenuator is a high power attenuator with peak power of 10KW and better pulse width.

300W Coaxial Fixed Attenuators (N, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA300N-4MF-YT	300W	DC-4G	10-60dB	1.20	N	Uni-directional	305×110×120mm
ZFA300N-6MF-YT	300W	DC-6G	10-60dB	1.25	N	Uni-directional	305×110×120mm
ZFA300N-8MF-YT	300W	DC-8.5G	10-60dB	1.25	N	Uni-directional	305×110×120mm
ZFA300N-12MF-YT	300W	DC-12.4G	10-60dB	1.35	N	Uni-directional	305×110×120mm
ZFA300N-18MF-YT	300W	DC-18G	10-60dB	1.45	N	Uni-directional	305×110×120mm
ZFA300N-1MF-YP	300W	DC-1G	10-60dB	1.10	N	Uni-directional	235×85×115mm
ZFA300N-2MF-YP	300W	DC-2G	10-60dB	1.15	N	Uni-directional	235×85×115mm
ZFA300N-3MF-YP	300W	DC-3G	10-60dB	1.20	N	Uni-directional	235×85×115mm
ZFA300N-4MF-YP	300W	DC-4G	10-60dB	1.25	N	Uni-directional	235×85×115mm
ZFA300N-4MF-YW	300W	DC-4G	10-60dB	1.20	N	Uni-directional	200×138.7×109.5mm
ZFA300N-6MF-YW	300W	DC-6G	10-60dB	1.25	N	Uni-directional	200×138.7×109.5mm
ZFA300N-8MF-YW	300W	DC-8.5G	10-60dB	1.25	N	Uni-directional	200×138.7×109.5mm
ZFA300N-12MF-YW	300W	DC-12.4G	10-60dB	1.35	N	Uni-directional	200×138.7×109.5mm

300W Coaxial Fixed Attenuators (N, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA300N-18MF-YW	300W	DC-18G	10-60dB	1.45	N	Uni-directional	200×138.7×109.5mm

1. P series 300W attenuator is a high power attenuator with peak power of 10KW and better pulse width.

250W Coaxial Fixed Attenuators (N, SMA, 4.3-10, 7/16, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA250N-4MF-YT	250W	DC-4G	3-60dB	1.20	N	Uni-directional	254×110×120mm
ZFA250N-6MF-YT	250W	DC-6G	3-60dB	1.25	N	Uni-directional	254×110×120mm
ZFA250N-8MF-YT	250W	DC-8.5G	3-60dB	1.25	N	Uni-directional	254×110×120mm
ZFA250N-12MF-YT	250W	DC-12.4G	6-60dB	1.35	N	Uni-directional	254×110×120mm
ZFA250N-18MF-YT	250W	DC-18G	6-60dB	1.45	N	Uni-directional	254×110×120mm
ZFA250S-4MF-YT	250W	DC-4G	10-60dB	1.20	SMA	Uni-directional	254×110×120mm
ZFA250S-6MF-YT	250W	DC-6G	10-60dB	1.25	SMA	Uni-directional	254×110×120mm
ZFA250S-8MF-YT	250W	DC-8.5G	10-60dB	1.25	SMA	Uni-directional	254×110×120mm
ZFA250S-12MF-YT	250W	DC-12.4G	10-60dB	1.35	SMA	Uni-directional	254×110×120mm
ZFA250S-18MF-YT	250W	DC-18G	10-60dB	1.45	SMA	Uni-directional	254×110×120mm
ZFA250N-4MF-YM	250W	DC-4G	3-60dB	1.20	N	Uni-directional	64×64×191.4mm
ZFA250N-6MF-YM	250W	DC-6G	3-60dB	1.25	N	Uni-directional	64×64×191.4mm
ZFA250N-8MF-YM	250W	DC-8.5G	3-60dB	1.25	N	Uni-directional	64×64×191.4mm
ZFA250N-12MF-YM	250W	DC-12.4G	6-60dB	1.35	N	Uni-directional	64×64×191.4mm
ZFA250N-18MF-YM	250W	DC-18G	6-60dB	1.45	N	Uni-directional	64×64×191.4mm
ZFA250N-4MF-YR	250W	DC-4G	6-60dB	1.20	N	Uni-directional	Ø64×320mm
ZFA250N-6MF-YR	250W	DC-6G	6-60dB	1.25	N	Uni-directional	Ø64×320mm
ZFA250N-8MF-YR	250W	DC-8.5G	6-60dB	1.25	N	Uni-directional	Ø64×320mm
ZFA250N-12MF-YR	250W	DC-12.4G	6-60dB	1.35	N	Uni-directional	Ø64×320mm
ZFA250N-18MF-YR	250W	DC-18G	6-60dB	1.45	N	Uni-directional	Ø64×320mm
ZFA250N-1MF-YP	250W	DC-1G	10-60dB	1.10	N	Uni-directional	152×85×115mm
ZFA250N-2MF-YP	250W	DC-2G	10-60dB	1.15	N	Uni-directional	152×85×115mm
ZFA250N-3MF-YP	250W	DC-3G	10-60dB	1.20	N	Uni-directional	152×85×115mm
ZFA250N-4MF-YP	250W	DC-4G	10-60dB	1.25	N	Uni-directional	152×85×115mm
ZFA250N-4MF-YW	250W	DC-4G	10-60dB	1.20	N	Uni-directional	170×85×50.4mm
ZFA250N-6MF-YW	250W	DC-6G	10-60dB	1.25	N	Uni-directional	170×85×50.4mm
ZFA250N-8MF-YW	250W	DC-8.5G	10-60dB	1.25	N	Uni-directional	170×85×50.4mm
ZFA250N-12MF-YW	250W	DC-12.4G	10-60dB	1.35	N	Uni-directional	170×85×50.4mm
ZFA250N-18MF-YW	250W	DC-18G	10-60dB	1.45	N	Uni-directional	170×85×50.4mm

250W Coaxial Fixed Attenuators (N, SMA, 4.3-10, 7/16, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA250mD-4MF-YT	250W	DC-4G	6-60dB	1.20	4.3-10	Uni-directional	254×110×120mm
ZFA250mD-6MF-YT	250W	DC-6G	6-60dB	1.20	4.3-10	Uni-directional	254×110×120mm
ZFA250D-4MF-YT	250W	DC-4G	10-60dB	1.25	7/16	Uni-directional	254×110×120mm
ZFA250D-6MF-YT	250W	DC-6G	10-60dB	1.25	7/16	Uni-directional	254×110×120mm

1. P series 250W attenuator is a high power attenuator with peak power of 10KW and better pulse width.

200W Coaxial Fixed Attenuators (N, SMA, TNC, 7/16, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA200N-4MF-YT	200W	DC-4G	6-60dB	1.20	N	Uni-directional	203×110×120mm
ZFA200N-6MF-YT	200W	DC-6G	6-60dB	1.25	N	Uni-directional	203×110×120mm
ZFA200N-8MF-YT	200W	DC-8.5G	6-60dB	1.25	N	Uni-directional	203×110×120mm
ZFA200N-12MF-YT	200W	DC-12.4G	6-60dB	1.35	N	Uni-directional	203×110×120mm
ZFA200N-18MF-YT	200W	DC-18G	6-60dB	1.45	N	Uni-directional	203×110×120mm
ZFA200S-4MF-YT	200W	DC-4G	6-60dB	1.20	SMA	Uni-directional	203×110×120mm
ZFA200S-6MF-YT	200W	DC-6G	6-60dB	1.25	SMA	Uni-directional	203×110×120mm
ZFA200S-8MF-YT	200W	DC-8.5G	6-60dB	1.25	SMA	Uni-directional	203×110×120mm
ZFA200S-12MF-YT	200W	DC-12.4G	6-60dB	1.35	SMA	Uni-directional	203×110×120mm
ZFA200S-18MF-YT	200W	DC-18G	6-60dB	1.45	SMA	Uni-directional	203×110×120mm
ZFA200N-4MF-YM	200W	DC-4G	6-60dB	1.20	N	Uni-directional	64×64×191.4mm
ZFA200N-6MF-YM	200W	DC-6G	6-60dB	1.25	N	Uni-directional	64×64×191.4mm
ZFA200N-8MF-YM	200W	DC-8.5G	6-60dB	1.25	N	Uni-directional	64×64×191.4mm
ZFA200N-12MF-YM	200W	DC-12.4G	6-60dB	1.35	N	Uni-directional	64×64×191.4mm
ZFA200N-18MF-YM	200W	DC-18G	6-60dB	1.45	N	Uni-directional	64×64×191.4mm
ZFA200N-4MF-YR	200W	DC-4G	6-60dB	1.20	N	Uni-directional	∅64×223mm
ZFA200N-6MF-YR	200W	DC-6G	6-60dB	1.25	N	Uni-directional	∅64×223mm
ZFA200N-8MF-YR	200W	DC-8.5G	6-60dB	1.25	N	Uni-directional	∅64×223mm
ZFA200N-12MF-YR	200W	DC-12.4G	6-60dB	1.35	N	Uni-directional	∅64×223mm
ZFA200N-18MF-YR	200W	DC-18G	6-60dB	1.45	N	Uni-directional	∅64×223mm
ZFA200N-4MF-YW	200W	DC-4G	6-60dB	1.20	N	Uni-directional	152×57.2×51.8mm
ZFA200N-6MF-YW	200W	DC-6G	6-60dB	1.25	N	Uni-directional	152×57.2×51.8mm
ZFA200N-8MF-YW	200W	DC-8.5G	6-60dB	1.25	N	Uni-directional	152×57.2×51.8mm
ZFA200N-12MF-YW	200W	DC-12.4G	6-60dB	1.35	N	Uni-directional	152×57.2×51.8mm
ZFA200N-18MF-YW	200W	DC-18G	6-60dB	1.45	N	Uni-directional	152×57.2×51.8mm
ZFA200T-4MF-YR	200W	DC-4G	10-60dB	1.20	TNC	Uni-directional	∅64×223mm

200W Coaxial Fixed Attenuators (N, SMA, TNC, 7/16, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA200T-6MF-YR	200W	DC-6G	10-60dB	1.25	TNC	Uni-directional	Ø64×223mm
ZFA200T-8MF-YR	200W	DC-8.5G	10-60dB	1.25	TNC	Uni-directional	Ø64×223mm
ZFA200T-12MF-YR	200W	DC-12.4G	10-60dB	1.35	TNC	Uni-directional	Ø64×223mm
ZFA200T-18MF-YR	200W	DC-18G	10-60dB	1.45	TNC	Uni-directional	Ø64×223mm
ZFA200D-4MF-YT	200W	DC-4G	10-60dB	1.25	7/16	Uni-directional	203×110×120mm
ZFA200D-6MF-YT	200W	DC-6G	10-60dB	1.25	7/16	Uni-directional	203×110×120mm
ZFA200N-1MF-YP	200W	DC-1G	10-50dB	1.10	N	Uni-directional	126.5×85×115mm
ZFA200N-2MF-YP	200W	DC-2G	10-50dB	1.15	N	Uni-directional	126.5×85×115mm
ZFA200N-3MF-YP	200W	DC-3G	10-50dB	1.20	N	Uni-directional	126.5×85×115mm
ZFA200N-4MF-YP	200W	DC-4G	10-50dB	1.25	N	Uni-directional	126.5×85×115mm

1. P series 200W attenuator is a high power attenuator with peak power of 10KW and better pulse width.

150W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA150N-4MF-YT	150W	DC-4G	6-60dB	1.20	N	Uni-directional	152×110×120mm
ZFA150N-6MF-YT	150W	DC-6G	6-60dB	1.25	N	Uni-directional	152×110×120mm
ZFA150N-8MF-YT	150W	DC-8.5G	6-60dB	1.25	N	Uni-directional	152×110×120mm
ZFA150N-12MF-YT	150W	DC-12.4G	6-60dB	1.35	N	Uni-directional	152×110×120mm
ZFA150N-18MF-YT	150W	DC-18G	6-60dB	1.45	N	Uni-directional	152×110×120mm
ZFA150N-4MF-YM	150W	DC-4G	6-60dB	1.20	N	Uni-directional	64×64×148mm
ZFA150N-6MF-YM	150W	DC-6G	6-60dB	1.25	N	Uni-directional	64×64×148mm
ZFA150N-8MF-YM	150W	DC-8.5G	6-60dB	1.25	N	Uni-directional	64×64×148mm
ZFA150N-12MF-YM	150W	DC-12.4G	6-60dB	1.35	N	Uni-directional	64×64×148mm
ZFA150N-18MF-YM	150W	DC-18G	6-60dB	1.45	N	Uni-directional	64×64×148mm
ZFA150N-4MF-YR	150W	DC-4G	6-60dB	1.20	N	Uni-directional	Ø64×172mm
ZFA150N-6MF-YR	150W	DC-6G	6-60dB	1.25	N	Uni-directional	Ø64×172mm
ZFA150N-8MF-YR	150W	DC-8.5G	6-60dB	1.25	N	Uni-directional	Ø64×172mm
ZFA150N-12MF-YR	150W	DC-12.4G	6-60dB	1.35	N	Uni-directional	Ø64×172mm
ZFA150N-18MF-YR	150W	DC-18G	6-60dB	1.45	N	Uni-directional	Ø64×172mm
ZFA150S-4MF-YR	150W	DC-4G	6-60dB	1.20	SMA	Uni-directional	Ø64×195mm
ZFA150S-6MF-YR	150W	DC-6G	6-60dB	1.25	SMA	Uni-directional	Ø64×195mm
ZFA150S-8MF-YR	150W	DC-8.5G	6-60dB	1.25	SMA	Uni-directional	Ø64×195mm
ZFA150S-12MF-YR	150W	DC-12.4G	6-60dB	1.35	SMA	Uni-directional	Ø64×195mm
ZFA150S-18MF-YR	150W	DC-18G	6-60dB	1.45	SMA	Uni-directional	Ø64×195mm

150W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA150N-4MF-YW	150W	DC-4G	6-60dB	1.20	N	Uni-directional	105.6×79.2×51.8mm
ZFA150N-6MF-YW	150W	DC-6G	6-60dB	1.25	N	Uni-directional	105.6×79.2×51.8mm
ZFA150N-8MF-YW	150W	DC-8.5G	6-60dB	1.25	N	Uni-directional	105.6×79.2×51.8mm
ZFA150N-12MF-YW	150W	DC-12.4G	6-60dB	1.35	N	Uni-directional	105.6×79.2×51.8mm
ZFA150N-18MF-YW	150W	DC-18G	6-60dB	1.45	N	Uni-directional	105.6×79.2×51.8mm
ZFA150N-1MF-YP	150W	DC-1G	10-60dB	1.10	N	Uni-directional	126.5×85×115mm
ZFA150N-2MF-YP	150W	DC-2G	10-60dB	1.15	N	Uni-directional	126.5×85×115mm
ZFA150N-3MF-YP	150W	DC-3G	10-60dB	1.20	N	Uni-directional	126.5×85×115mm
ZFA150N-4MF-YP	150W	DC-4G	10-60dB	1.25	N	Uni-directional	126.5×85×115mm

1. P series 150W attenuator is a high power attenuator with peak power of 10KW and better pulse width.

100W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA100N-4MF-YM	100W	DC-4G	3-60dB	1.20	N	Uni-directional	64×64×105mm
ZFA100N-6MF-YM	100W	DC-6G	6-60dB	1.25	N	Uni-directional	64×64×105mm
ZFA100N-8MF-YM	100W	DC-8.5G	6-60dB	1.25	N	Uni-directional	64×64×105mm
ZFA100N-12MF-YM	100W	DC-12.4G	6-60dB	1.35	N	Uni-directional	64×64×105mm
ZFA100N-18MF-YM	100W	DC-18G	6-60dB	1.45	N	Uni-directional	64×64×105mm
ZFA100S-4MF-YM	100W	DC-4G	3-60dB	1.20	SMA	Uni-directional	64×64×105mm
ZFA100S-6MF-YM	100W	DC-6G	6-60dB	1.25	SMA	Uni-directional	64×64×105mm
ZFA100S-8MF-YM	100W	DC-8.5G	6-60dB	1.25	SMA	Uni-directional	64×64×105mm
ZFA100S-12MF-YM	100W	DC-12.4G	6-60dB	1.35	SMA	Uni-directional	64×64×105mm
ZFA100S-18MF-YM	100W	DC-18G	6-60dB	1.45	SMA	Uni-directional	64×64×105mm
ZFA100mD-4MF-YM	100W	DC-4G	3-60dB	1.20	4.3-10	Uni-directional	64×64×105mm
ZFA100mD-6MF-YM	100W	DC-6G	3-60dB	1.25	4.3-10	Uni-directional	64×64×105mm
ZFA100N-4MF-YC	100W	DC-4G	3-60dB	1.20	N	Uni-directional	101×50×120mm
ZFA100N-6MF-YC	100W	DC-6G	3-60dB	1.25	N	Uni-directional	101×50×120mm
ZFA100N-8MF-YC	100W	DC-8.5G	3-60dB	1.25	N	Uni-directional	101×50×120mm
ZFA100N-12MF-YC	100W	DC-12.4G	3-60dB	1.35	N	Uni-directional	101×50×120mm
ZFA100N-18MF-YC	100W	DC-18G	3-60dB	1.45	N	Uni-directional	101×50×120mm
ZFA100S-4MF-YC	100W	DC-4G	3-60dB	1.20	SMA	Uni-directional	101×50×120mm
ZFA100S-6MF-YC	100W	DC-6G	3-60dB	1.25	SMA	Uni-directional	101×50×120mm
ZFA100S-8MF-YC	100W	DC-8.5G	3-60dB	1.25	SMA	Uni-directional	101×50×120mm
ZFA100S-12MF-YC	100W	DC-12.4G	3-60dB	1.35	SMA	Uni-directional	101×50×120mm

100W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA100S-18MF-YC	100W	DC-18G	3-60dB	1.45	SMA	Uni-directional	101×50×120mm
ZFA100mD-4MF-YC	100W	DC-4G	3-60dB	1.20	4.3-10	Uni-directional	101×50×120mm
ZFA100mD-6MF-YC	100W	DC-6G	3-60dB	1.20	4.3-10	Uni-directional	101×50×120mm
ZFA100N-4MF-YT	100W	DC-4G	3-60dB	1.20	N	Uni-directional	101×110×120mm
ZFA100N-6MF-YT	100W	DC-6G	3-60dB	1.25	N	Uni-directional	101×110×120mm
ZFA100N-8MF-YT	100W	DC-8.5G	3-60dB	1.25	N	Uni-directional	101×110×120mm
ZFA100N-12MF-YT	100W	DC-12.4G	3-60dB	1.35	N	Uni-directional	101×110×120mm
ZFA100N-18MF-YT	100W	DC-18G	3-60dB	1.45	N	Uni-directional	101×110×120mm
ZFA100B-4MF-YT	100W	DC-4G	6-60dB	1.20	BNC	Uni-directional	101×110×120mm
ZFA100B-6MF-YT	100W	DC-6G	6-60dB	1.25	BNC	Uni-directional	101×110×120mm
ZFA100N-4MF-YA	100W	DC-4G	3-60dB	1.20	N	Uni-directional	Ø41×121mm
ZFA100N-6MF-YA	100W	DC-6G	3-60dB	1.25	N	Uni-directional	Ø41×121mm
ZFA100N-8MF-YA	100W	DC-8.5G	3-60dB	1.25	N	Uni-directional	Ø41×121mm
ZFA100N-12MF-YA	100W	DC-12.4G	3-60dB	1.35	N	Uni-directional	Ø41×121mm
ZFA100N-18MF-YA	100W	DC-18G	3-60dB	1.45	N	Uni-directional	Ø41×121mm
ZFA100S-4MF-YA	100W	DC-4G	3-60dB	1.20	SMA	Uni-directional	Ø41×121mm
ZFA100S-6MF-YA	100W	DC-6G	3-60dB	1.25	SMA	Uni-directional	Ø41×121mm
ZFA100S-8MF-YA	100W	DC-8.5G	3-60dB	1.25	SMA	Uni-directional	Ø41×121mm
ZFA100S-12MF-YA	100W	DC-12.4G	3-60dB	1.35	SMA	Uni-directional	Ø41×121mm
ZFA100S-18MF-YA	100W	DC-18G	3-60dB	1.45	SMA	Uni-directional	Ø41×121mm
ZFA100N-4MF-YR	100W	DC-4G	3-60dB	1.20	N	Uni-directional	Ø64×121mm
ZFA100N-6MF-YR	100W	DC-6G	3-60dB	1.25	N	Uni-directional	Ø64×121mm
ZFA100N-8MF-YR	100W	DC-8.5G	3-60dB	1.25	N	Uni-directional	Ø64×121mm
ZFA100N-12MF-YR	100W	DC-12.4G	3-60dB	1.35	N	Uni-directional	Ø64×121mm
ZFA100N-18MF-YR	100W	DC-18G	3-60dB	1.45	N	Uni-directional	Ø64×121mm
ZFA100S-4MF-YR	100W	DC-4G	3-60dB	1.20	SMA	Uni-directional	Ø64×121mm
ZFA100S-6MF-YR	100W	DC-6G	3-60dB	1.25	SMA	Uni-directional	Ø64×121mm
ZFA100S-8MF-YR	100W	DC-8.5G	3-60dB	1.25	SMA	Uni-directional	Ø64×121mm
ZFA100S-12MF-YR	100W	DC-12.4G	3-60dB	1.35	SMA	Uni-directional	Ø64×121mm
ZFA100S-18MF-YR	100W	DC-18G	3-60dB	1.45	SMA	Uni-directional	Ø64×121mm
ZFA100T-4MF-YR	100W	DC-4G	6-60dB	1.20	TNC	Uni-directional	Ø64×121mm
ZFA100T-6MF-YR	100W	DC-6G	6-60dB	1.25	TNC	Uni-directional	Ø64×121mm
ZFA100T-8MF-YR	100W	DC-8.5G	6-60dB	1.25	TNC	Uni-directional	Ø64×121mm
ZFA100T-12MF-YR	100W	DC-12.4G	6-60dB	1.35	TNC	Uni-directional	Ø64×121mm

100W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA100T-18MF-YR	100W	DC-18G	6-60dB	1.45	TNC	Uni-directional	Ø64×121mm
ZFA100B-4MF-YR	100W	DC-4G	6-60dB	1.20	BNC	Uni-directional	Ø64×121mm
ZFA100B-6MF-YR	100W	DC-6G	6-60dB	1.25	BNC	Uni-directional	Ø64×121mm
ZFA100mD-3MF-YR	100W	DC-3G	6-30dB	1.20	4.3-10	Uni-directional	Ø64×121mm
ZFA100mD-6MF-YR	100W	DC-6G	6-30dB	1.25	4.3-10	Uni-directional	Ø64×121mm
ZFA100D-4MF-YA	100W	DC-4G	1-40dB	1.20	7/16	Uni-directional	Ø64×121mm
ZFA100D-6MF-YA	100W	DC-6G	1-40dB	1.25	7/16	Uni-directional	Ø64×121mm
ZFA100N-1MF-YP	100W	DC-1G	10-60dB	1.10	N	Uni-directional	101×85×115mm
ZFA100N-2MF-YP	100W	DC-2G	10-60dB	1.15	N	Uni-directional	101×85×115mm
ZFA100N-3MF-YP	100W	DC-3G	10-60dB	1.20	N	Uni-directional	101×85×115mm
ZFA100N-4MF-YP	100W	DC-4G	10-60dB	1.25	N	Uni-directional	101×85×115mm

1. P series 100W attenuator is a high power attenuator with peak power of 10KW and better pulse width.

50W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA50N-4MF-YM	50W	DC-4G	1-50dB	1.15	N	Uni-directional	64×64×70mm
ZFA50N-6MF-YM	50W	DC-6G	1-50dB	1.20	N	Uni-directional	64×64×70mm
ZFA50N-8MF-YM	50W	DC-8.5G	1-50dB	1.20	N	Uni-directional	64×64×70mm
ZFA50N-12MF-YM	50W	DC-12.4G	1-50dB	1.35	N	Uni-directional	64×64×70mm
ZFA50N-18MF-YM	50W	DC-18G	1-50dB	1.40	N	Uni-directional	64×64×70mm
ZFA50S-4MF-YM	50W	DC-4G	1-50dB	1.15	SMA	Uni-directional	64×64×70mm
ZFA50S-6MF-YM	50W	DC-6G	1-50dB	1.20	SMA	Uni-directional	64×64×70mm
ZFA50S-8MF-YM	50W	DC-8.5G	1-50dB	1.20	SMA	Uni-directional	64×64×70mm
ZFA50S-12MF-YM	50W	DC-12.4G	1-50dB	1.35	SMA	Uni-directional	64×64×70mm
ZFA50S-18MF-YM	50W	DC-18G	1-50dB	1.40	SMA	Uni-directional	64×64×70mm
ZFA50T-4MF-YM	50W	DC-4G	1-60dB	1.20	TNC	Uni-directional	64×64×70mm
ZFA50T-6MF-YM	50W	DC-6G	1-60dB	1.25	TNC	Uni-directional	64×64×70mm
ZFA50T-8MF-YM	50W	DC-8.5G	1-60dB	1.25	TNC	Uni-directional	64×64×70mm
ZFA50T-12MF-YM	50W	DC-12.4G	1-60dB	1.35	TNC	Uni-directional	64×64×70mm
ZFA50T-18MF-YM	50W	DC-18G	1-60dB	1.45	TNC	Uni-directional	64×64×70mm
ZFA50N-4MF-YE	50W	DC-4G	1-50dB	1.15	N	Uni-directional	Ø38×70mm
ZFA50N-6MF-YE	50W	DC-6G	1-50dB	1.20	N	Uni-directional	Ø38×70mm
ZFA50N-8MF-YE	50W	DC-8.5G	1-50dB	1.25	N	Uni-directional	Ø38×70mm
ZFA50N-12MF-YE	50W	DC-12.4G	1-50dB	1.35	N	Uni-directional	Ø38×70mm

50W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA50N-18MF-YE	50W	DC-18G	1-50dB	1.45	N	Uni-directional	Ø38×70mm
ZFA50S-4MF-YE	50W	DC-4G	1-50dB	1.15	SMA	Uni-directional	Ø38×70mm
ZFA50S-6MF-YE	50W	DC-6G	1-50dB	1.20	SMA	Uni-directional	Ø38×70mm
ZFA50S-8MF-YE	50W	DC-8.5G	1-50dB	1.25	SMA	Uni-directional	Ø38×70mm
ZFA50S-12MF-YE	50W	DC-12.4G	1-50dB	1.35	SMA	Uni-directional	Ø38×70mm
ZFA50S-18MF-YE	50W	DC-18G	1-50dB	1.45	SMA	Uni-directional	Ø38×70mm
ZFA50T-4MF-YE	50W	DC-4G	1-50dB	1.15	TNC	Uni-directional	Ø38×70mm
ZFA50T-6MF-YE	50W	DC-6G	1-50dB	1.20	TNC	Uni-directional	Ø38×70mm
ZFA50T-8MF-YE	50W	DC-8.5G	1-50dB	1.25	TNC	Uni-directional	Ø38×70mm
ZFA50T-12MF-YE	50W	DC-12.4G	1-50dB	1.35	TNC	Uni-directional	Ø38×70mm
ZFA50T-18MF-YE	50W	DC-18G	1-50dB	1.45	TNC	Uni-directional	Ø38×70mm
ZFA50mD-3MF-YE	50W	DC-3G	1-50dB	1.20	4.3-10	Uni-directional	Ø38×70mm
ZFA50mD-6MF-YE	50W	DC-6G	1-50dB	1.20	4.3-10	Uni-directional	Ø38×70mm
ZFA50B-4MF-YE	50W	DC-4G	1-50dB	1.20	BNC	Uni-directional	Ø38×70mm
ZFA50B-6MF-YE	50W	DC-6G	1-50dB	1.25	BNC	Uni-directional	Ø38×70mm
ZFA50N-4MF-YA	50W	DC-4G	1-50dB	1.20	N	Uni-directional	Ø41×70mm
ZFA50N-6MF-YA	50W	DC-6G	1-50dB	1.20	N	Uni-directional	Ø41×70mm
ZFA50N-8MF-YA	50W	DC-8.5G	1-50dB	1.25	N	Uni-directional	Ø41×70mm
ZFA50N-12MF-YA	50W	DC-12.4G	1-50dB	1.35	N	Uni-directional	Ø41×70mm
ZFA50N-18MF-YA	50W	DC-18G	1-50dB	1.40	N	Uni-directional	Ø41×70mm
ZFA50S-4MF-YA	50W	DC-4G	1-50dB	1.20	SMA	Uni-directional	Ø41×70mm
ZFA50S-6MF-YA	50W	DC-6G	1-50dB	1.20	SMA	Uni-directional	Ø41×70mm
ZFA50S-8MF-YA	50W	DC-8.5G	1-50dB	1.25	SMA	Uni-directional	Ø41×70mm
ZFA50S-12MF-YA	50W	DC-12.4G	1-50dB	1.35	SMA	Uni-directional	Ø41×70mm
ZFA50S-18MF-YA	50W	DC-18G	1-50dB	1.40	SMA	Uni-directional	Ø41×70mm
ZFA50D-4MF-YA	50W	DC-4G	1-50dB	1.20	7/16	Uni-directional	Ø41×70mm
ZFA50D-6MF-YA	50W	DC-6G	1-50dB	1.25	7/16	Uni-directional	Ø41×70mm
ZFA50N-4MF-YR	50W	DC-4G	1-50dB	1.20	N	Uni-directional	Ø64×70mm
ZFA50N-6MF-YR	50W	DC-6G	1-50dB	1.20	N	Uni-directional	Ø64×70mm
ZFA50N-8MF-YR	50W	DC-8.5G	1-50dB	1.25	N	Uni-directional	Ø64×70mm
ZFA50N-12MF-YR	50W	DC-12.4G	1-50dB	1.35	N	Uni-directional	Ø64×70mm
ZFA50N-18MF-YR	50W	DC-18G	1-50dB	1.45	N	Uni-directional	Ø64×70mm
ZFA50S-4MF-YR	50W	DC-4G	1-50dB	1.20	SMA	Uni-directional	Ø64×70mm
ZFA50S-6MF-YR	50W	DC-6G	1-50dB	1.25	SMA	Uni-directional	Ø64×70mm

50W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA50S-8MF-YR	50W	DC-8.5G	1-50dB	1.25	SMA	Uni-directional	Ø64×70mm
ZFA50S-12MF-YR	50W	DC-12.4G	1-50dB	1.35	SMA	Uni-directional	Ø64×70mm
ZFA50S-18MF-YR	50W	DC-18G	1-50dB	1.45	SMA	Uni-directional	Ø64×70mm
ZFA50T-4MF-YR	50W	DC-4G	1-50dB	1.20	TNC	Uni-directional	Ø64×70mm
ZFA50T-6MF-YR	50W	DC-6G	1-50dB	1.25	TNC	Uni-directional	Ø64×70mm
ZFA50T-8MF-YR	50W	DC-8.5G	1-50dB	1.25	TNC	Uni-directional	Ø64×70mm
ZFA50T-12MF-YR	50W	DC-12.4G	1-50dB	1.35	TNC	Uni-directional	Ø64×70mm
ZFA50T-18MF-YR	50W	DC-18G	1-50dB	1.45	TNC	Uni-directional	Ø64×70mm
ZFA50N-4MF-YT	50W	DC-4G	1-50dB	1.20	N	Uni-directional	70×110×120mm
ZFA50N-6MF-YT	50W	DC-6G	1-50dB	1.20	N	Uni-directional	70×110×120mm
ZFA50N-8MF-YT	50W	DC-8.5G	1-50dB	1.25	N	Uni-directional	70×110×120mm
ZFA50N-12MF-YT	50W	DC-12.4G	1-50dB	1.35	N	Uni-directional	70×110×120mm
ZFA50N-18MF-YT	50W	DC-18G	1-50dB	1.45	N	Uni-directional	70×110×120mm

30W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA30N-4MF-YA	30W	DC-4G	1-40dB	1.20	N	Uni-directional	Ø38×70mm
ZFA30N-6MF-YA	30W	DC-6G	1-40dB	1.25	N	Uni-directional	Ø38×70mm
ZFA30N-8MF-YA	30W	DC-8.5G	1-40dB	1.25	N	Uni-directional	Ø38×70mm
ZFA30N-12MF-YA	30W	DC-12.4G	1-40dB	1.35	N	Uni-directional	Ø38×70mm
ZFA30N-18MF-YA	30W	DC-18G	1-40dB	1.45	N	Uni-directional	Ø38×70mm
ZFA30S-4MF-YA	30W	DC-4G	1-60dB	1.20	SMA	Uni-directional	Ø38×70mm
ZFA30S-6MF-YA	30W	DC-6G	1-60dB	1.25	SMA	Uni-directional	Ø38×70mm
ZFA30S-8MF-YA	30W	DC-8.5G	1-60dB	1.25	SMA	Uni-directional	Ø38×70mm
ZFA30S-12MF-YA	30W	DC-12.4G	1-60dB	1.35	SMA	Uni-directional	Ø38×70mm
ZFA30S-18MF-YA	30W	DC-18G	1-60dB	1.45	SMA	Uni-directional	Ø38×70mm
ZFA30T-4MF-YA	30W	DC-4G	1-60dB	1.20	TNC	Uni-directional	Ø38×70mm
ZFA30T-6MF-YA	30W	DC-6G	1-60dB	1.25	TNC	Uni-directional	Ø38×70mm
ZFA30T-8MF-YA	30W	DC-8.5G	1-60dB	1.25	TNC	Uni-directional	Ø38×70mm
ZFA30T-12MF-YA	30W	DC-12.4G	1-60dB	1.35	TNC	Uni-directional	Ø38×70mm
ZFA30T-18MF-YA	30W	DC-18G	1-60dB	1.45	TNC	Uni-directional	Ø38×70mm
ZFA30B-4MF-YA	30W	DC-4G	1-50dB	1.20	BNC	Uni-directional	Ø38×70mm
ZFA30B-6MF-YA	30W	DC-6G	1-50dB	1.25	BNC	Uni-directional	Ø38×70mm

30W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16, 4.3-10, Uni-directional/Bi-directional optional)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA30S-4MF-YB	30W	DC-4G	1-40dB	1.15	SMA	Uni-directional	Ø38×40mm
ZFA30S-6MF-YB	30W	DC-6G	1-40dB	1.20	SMA	Uni-directional	Ø38×40mm
ZFA30S-8MF-YB	30W	DC-8.5G	1-40dB	1.20	SMA	Uni-directional	Ø38×40mm
ZFA30S-12MF-YB	30W	DC-12.4G	1-40dB	1.25	SMA	Uni-directional	Ø38×40mm
ZFA30S-18MF-YB	30W	DC-18G	1-40dB	1.35	SMA	Uni-directional	Ø38×40mm
ZFA30S-4MF-YR	30W	DC-4G	1-40dB	1.20	SMA	Uni-directional	Ø15×79.5mm
ZFA30S-6MF-YR	30W	DC-6G	1-40dB	1.25	SMA	Uni-directional	Ø15×79.5mm
ZFA30S-8MF-YR	30W	DC-8.5G	1-40dB	1.25	SMA	Uni-directional	Ø15×79.5mm
ZFA30S-12MF-YR	30W	DC-12.4G	1-40dB	1.30	SMA	Uni-directional	Ø15×79.5mm
ZFA30S-18MF-YR	30W	DC-18G	1-40dB	1.35	SMA	Uni-directional	Ø15×79.5mm

25W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 7/16)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA25N-4B-YB	25W	DC-4G	1-50dB	1.15	N	Bi-directional	Ø38×49.5mm
ZFA25N-6B-YB	25W	DC-6G	1-50dB	1.20	N	Bi-directional	Ø38×49.5mm
ZFA25N-8B-YB	25W	DC-8.5G	1-50dB	1.25	N	Bi-directional	Ø38×49.5mm
ZFA25N-12B-YB	25W	DC-12.4G	1-50dB	1.35	N	Bi-directional	Ø38×49.5mm
ZFA25N-18B-YB	25W	DC-18G	1-50dB	1.45	N	Bi-directional	Ø38×49.5mm
ZFA25S-4B-YB	25W	DC-4G	1-50dB	1.15	SMA	Bi-directional	Ø38×49.5mm
ZFA25S-6B-YB	25W	DC-6G	1-50dB	1.20	SMA	Bi-directional	Ø38×49.5mm
ZFA25S-8B-YB	25W	DC-8.5G	1-50dB	1.25	SMA	Bi-directional	Ø38×49.5mm
ZFA25S-12B-YB	25W	DC-12.4G	1-50dB	1.35	SMA	Bi-directional	Ø38×49.5mm
ZFA25S-18B-YB	25W	DC-18G	1-50dB	1.45	SMA	Bi-directional	Ø38×49.5mm
ZFA25D-4MF-YB	25W	DC-4G	1-40dB	1.20	7/16	Bi-directional	Ø38×49.5mm
ZFA25D-6MF-YB	25W	DC-6G	1-40dB	1.25	7/16	Bi-directional	Ø38×49.5mm
ZFA25B-4MF-YB	25W	DC-4G	1-50dB	1.20	BNC	Bi-directional	Ø38×49.5mm
ZFA25B-6MF-YB	25W	DC-6G	1-50dB	1.25	BNC	Bi-directional	Ø38×49.5mm
ZFA25T-4B-YB	25W	DC-4G	1-50dB	1.20	TNC	Bi-directional	Ø38×49.5mm
ZFA25T-6B-YB	25W	DC-6G	1-50dB	1.25	TNC	Bi-directional	Ø38×49.5mm
ZFA25T-8B-YB	25W	DC-8.5G	1-50dB	1.25	TNC	Bi-directional	Ø38×49.5mm
ZFA25T-12B-YB	25W	DC-12.4G	1-50dB	1.35	TNC	Bi-directional	Ø38×49.5mm
ZFA25T-18B-YB	25W	DC-18G	1-50dB	1.45	TNC	Bi-directional	Ø38×49.5mm

20W Coaxial Fixed Attenuators (N, SMA, TNC, BNC, 4.3-10)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA20S-4B-YA	20W	DC-4G	1-50dB	1.15	SMA	Bi-directional	Ø38×49.5mm
ZFA20S-6B-YA	20W	DC-6G	1-50dB	1.20	SMA	Bi-directional	Ø38×49.5mm
ZFA20S-8B-YA	20W	DC-8.5G	1-50dB	1.20	SMA	Bi-directional	Ø38×49.5mm
ZFA20S-12B-YA	20W	DC-12.4G	1-50dB	1.35	SMA	Bi-directional	Ø38×49.5mm
ZFA20S-18B-YA	20W	DC-18G	1-50dB	1.40	SMA	Bi-directional	Ø38×49.5mm
ZFA20N-4B-YA	20W	DC-4G	1-40dB	1.15	N	Bi-directional	Ø38×49.5mm
ZFA20N-6B-YA	20W	DC-6G	1-40dB	1.20	N	Bi-directional	Ø38×49.5mm
ZFA20N-8B-YA	20W	DC-8.5G	1-40dB	1.20	N	Bi-directional	Ø38×49.5mm
ZFA20N-12B-YA	20W	DC-12.4G	1-40dB	1.35	N	Bi-directional	Ø38×49.5mm
ZFA20N-18B-YA	20W	DC-18G	1-40dB	1.40	N	Bi-directional	Ø38×49.5mm
ZFA20T-4B-YA	20W	DC-4G	1-40dB	1.20	TNC	Bi-directional	Ø38×49.5mm
ZFA20T-6B-YA	20W	DC-6G	1-40dB	1.20	TNC	Bi-directional	Ø38×49.5mm
ZFA20T-8B-YA	20W	DC-8.5G	1-40dB	1.25	TNC	Bi-directional	Ø38×49.5mm
ZFA20T-12B-YA	20W	DC-12.4G	1-40dB	1.35	TNC	Bi-directional	Ø38×49.5mm
ZFA20T-18B-YA	20W	DC-18G	1-40dB	1.45	TNC	Bi-directional	Ø38×49.5mm
ZFA20B-4B-YA	20W	DC-4G	1-50dB	1.20	BNC	Bi-directional	Ø38×49.5mm
ZFA20B-6B-YA	20W	DC-6G	1-50dB	1.25	BNC	Bi-directional	Ø38×49.5mm
ZFA20mD-3B-YA	20W	DC-3G	1-40dB	1.20	4.3-10	Bi-directional	Ø38×49.5mm
ZFA20mD-6B-YA	20W	DC-6G	1-40dB	1.20	4.3-10	Bi-directional	Ø38×49.5mm

15W Coaxial Fixed Attenuators (SMA, N, BNC, TNC, DIN 7/16)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA15S-4B-YA	15W	DC-4G	1-40dB	1.20	SMA	Bi-directional	Ø30×49.5mm
ZFA15S-6B-YA	15W	DC-6G	1-40dB	1.25	SMA	Bi-directional	Ø30×49.5mm
ZFA15S-8B-YA	15W	DC-8.5G	1-40dB	1.30	SMA	Bi-directional	Ø30×49.5mm
ZFA15S-12B-YA	15W	DC-12.4G	1-40dB	1.35	SMA	Bi-directional	Ø30×49.5mm
ZFA15S-18B-YA	15W	DC-18G	1-40dB	1.45	SMA	Bi-directional	Ø30×49.5mm
ZFA15S-4B-YB	15W	DC-4G	1-40dB	1.20	SMA	Bi-directional	Ø15.8×34mm
ZFA15S-6B-YB	15W	DC-6G	1-40dB	1.25	SMA	Bi-directional	Ø15.8×34mm
ZFA15S-8B-YB	15W	DC-8.5G	1-40dB	1.30	SMA	Bi-directional	Ø15.8×34mm
ZFA15S-12B-YB	15W	DC-12.4G	1-40dB	1.35	SMA	Bi-directional	Ø15.8×34mm
ZFA15S-18B-YB	15W	DC-18G	1-40dB	1.45	SMA	Bi-directional	Ø15.8×34mm
ZFA15N-4B-YA	15W	DC-4G	1-40dB	1.15	N	Bi-directional	Ø30×49.5mm

15W Coaxial Fixed Attenuators (SMA、N、BNC、TNC、DIN 7/16)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA15N-6B-YA	15W	DC-6G	1-40dB	1.20	N	Bi-directional	Ø30×49.5mm
ZFA15N-8B-YA	15W	DC-8.5G	1-40dB	1.30	N	Bi-directional	Ø30×49.5mm
ZFA15N-12B-YA	15W	DC-12.4G	1-40dB	1.35	N	Bi-directional	Ø30×49.5mm
ZFA15N-18B-YA	15W	DC-18G	1-40dB	1.40	N	Bi-directional	Ø30×49.5mm
ZFA15mD-3B-YA	15W	DC-3G	1-40dB	1.20	4.3-10	Bi-directional	Ø30×49.5mm
ZFA15mD-6B-YA	15W	DC-6G	1-40dB	1.25	4.3-10	Bi-directional	Ø30×49.5mm

10W Coaxial Fixed Attenuators (SMA、N、BNC、TNC、DIN 7/16)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA10S-4B-YA	10W	DC-4G	1-40dB	1.20	SMA	Bi-directional	Ø15.8×28mm
ZFA10S-6B-YA	10W	DC-6G	1-60dB	1.20	SMA	Bi-directional	Ø15.8×28mm
ZFA10S-8B-YA	10W	DC-8.5G	1-60dB	1.25	SMA	Bi-directional	Ø15.8×28mm
ZFA10S-12B-YA	10W	DC-12.4G	1-40dB	1.35	SMA	Bi-directional	Ø15.8×28mm
ZFA10S-18B-YA	10W	DC-18G	1-40dB	1.35	SMA	Bi-directional	Ø15.8×28mm
ZFA10N-4B-YA	10W	DC-4G	1-40dB	1.20	N	Bi-directional	Ø30×49.5mm
ZFA10N-6B-YA	10W	DC-6G	1-40dB	1.20	N	Bi-directional	Ø30×49.5mm
ZFA10N-8B-YA	10W	DC-8.5G	1-40dB	1.25	N	Bi-directional	Ø30×49.5mm
ZFA10N-12B-YA	10W	DC-12.4G	1-40dB	1.35	N	Bi-directional	Ø30×49.5mm
ZFA10N-18B-YA	10W	DC-18G	1-40dB	1.35	N	Bi-directional	Ø30×49.5mm
ZFA10N-4B-YB	10W	DC-4G	1-40dB	1.20	N	Bi-directional	Ø30×26mm
ZFA10N-6B-YB	10W	DC-6G	1-40dB	1.20	N	Bi-directional	Ø30×26mm
ZFA10N-8B-YB	10W	DC-8.5G	1-40dB	1.25	N	Bi-directional	Ø30×26mm
ZFA10N-12B-YB	10W	DC-12.4G	1-40dB	1.35	N	Bi-directional	Ø30×26mm
ZFA10N-18B-YB	10W	DC-18G	1-40dB	1.40	N	Bi-directional	Ø30×26mm
ZFA10B-4B-YA	10W	DC-4G	1-50dB	1.20	BNC	Bi-directional	Ø30×49.5mm
ZFA10B-6B-YA	10W	DC-6G	1-50dB	1.25	BNC	Bi-directional	Ø30×49.5mm
ZFA10T-4B-YA	10W	DC-4G	1-40dB	1.20	TNC	Bi-directional	Ø30×49.5mm
ZFA10T-6B-YA	10W	DC-6G	1-40dB	1.25	TNC	Bi-directional	Ø30×49.5mm
ZFA10T-8B-YA	10W	DC-8.5G	1-40dB	1.30	TNC	Bi-directional	Ø30×49.5mm
ZFA10T-12B-YA	10W	DC-12.4G	1-40dB	1.40	TNC	Bi-directional	Ø30×49.5mm
ZFA10T-18B-YA	10W	DC-18G	1-40dB	1.40	TNC	Bi-directional	Ø30×49.5mm
ZFA10D-4B-YA	10W	DC-4G	1-40dB	1.25	7/16	Bi-directional	Ø38×49.5mm
ZFA10D-6B-YA	10W	DC-6G	1-40dB	1.25	7/16	Bi-directional	Ø38×49.5mm

5W Coaxial Fixed Attenuators (SMA、N、BNC、BNC、TNC、7/16、4.3-10)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA5S-4B-YB	5W	DC-4G	1-30dB	1.15	SMA	Bi-directional	Ø15×9mm
ZFA5S-6B-YB	5W	DC-6G	1-30dB	1.20	SMA	Bi-directional	Ø15×9mm
ZFA5S-8B-YB	5W	DC-8.5G	1-30dB	1.20	SMA	Bi-directional	Ø15×9mm
ZFA5S-12B-YB	5W	DC-12.4G	1-30dB	1.25	SMA	Bi-directional	Ø15×9mm
ZFA5S-18B-YB	5W	DC-18G	1-30dB	1.30	SMA	Bi-directional	Ø15×9mm
ZFA5S-18B-YB+	5W	DC-18G	40-60dB	1.30	SMA	Bi-directional	Ø15×12mm
ZFA5S-4B-YA	5W	DC-4G	1-30dB	1.15	SMA	Bi-directional	Ø19×9mm
ZFA5S-6B-YA	5W	DC-6G	1-30dB	1.20	SMA	Bi-directional	Ø19×9mm
ZFA5S-6B-YA+	5W	DC-6G	31-60dB	1.20	SMA	Bi-directional	Ø19×12mm
ZFA5S-8B-YA	5W	DC-8.5G	1-30dB	1.20	SMA	Bi-directional	Ø19×9mm
ZFA5S-12B-YA	5W	DC-12.4G	1-30dB	1.25	SMA	Bi-directional	Ø19×9mm
ZFA5S-18B-YA	5W	DC-18G	1-30dB	1.30	SMA	Bi-directional	Ø19×9mm
ZFA5N-4B-YA	5W	DC-4G	1-30dB	1.20	N	Bi-directional	Ø16.5×58mm
ZFA5N-6B-YA	5W	DC-6G	1-30dB	1.20	N	Bi-directional	Ø16.5×58mm
ZFA5N-6B-YA+	5W	DC-6G	31-60dB	1.25	N	Bi-directional	Ø16.5×61mm
ZFA5N-8B-YA	5W	DC-8.5G	1-30dB	1.25	N	Bi-directional	Ø16.5×58mm
ZFA5N-12B-YA	5W	DC-12.4G	1-30dB	1.30	N	Bi-directional	Ø16.5×58mm
ZFA5N-18B-YA	5W	DC-18G	1-30dB	1.35	N	Bi-directional	Ø16.5×58mm
ZFA5B-4B-YA	5W	DC-4G	1-30dB	1.20	BNC	Bi-directional	Ø25×8mm
ZFA5B-6B-YA	5W	DC-6G	1-30dB	1.20	BNC	Bi-directional	Ø25×8mm
ZFA5T-4B-YA	5W	DC-4G	1-50dB	1.20	TNC	Bi-directional	Ø25×49.5mm
ZFA5T-6B-YA	5W	DC-6G	1-50dB	1.20	TNC	Bi-directional	Ø25×49.5mm
ZFA5T-8B-YA	5W	DC-8.5G	1-50dB	1.25	TNC	Bi-directional	Ø25×49.5mm
ZFA5T-12B-YA	5W	DC-12.4G	1-30dB	1.35	TNC	Bi-directional	Ø25×49.5mm
ZFA5T-18B-YA	5W	DC-18G	1-30dB	1.35	TNC	Bi-directional	Ø25×49.5mm
ZFA5D-4B-YA	5W	DC-4G	1-30dB	1.20	7/16	Bi-directional	Ø25×49.5mm
ZFA5D-6B-YA	5W	DC-6G	1-30dB	1.20	7/16	Bi-directional	Ø25×49.5mm

2W Coaxial Fixed Attenuators (SMA、N、BNC、QMA、TNC、4.3-10)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA2S-4B-YA	2W	DC-4G	1-30dB	1.20	SMA	Bi-directional	Ø9×27mm
ZFA2S-6B-YA	2W	DC-6G	1-30dB	1.20	SMA	Bi-directional	Ø9×27mm
ZFA2S-6B-YA+	2W	DC-6G	40-60dB	1.20	SMA	Bi-directional	Ø9×30mm

2W Coaxial Fixed Attenuators (SMA、N、BNC、QMA、TNC、4.3-10)

Model	Avg Power	Freq Range	Attenuations	VSWR Max	Connector	Direction	Dimensions
ZFA2S-8B-YA	2W	DC-8.5G	1-30dB	1.25	SMA	Bi-directional	Ø9×26.6mm
ZFA2S-12B-YA	2W	DC-12.4G	1-30dB	1.25	SMA	Bi-directional	Ø9×27mm
ZFA2S-12B-YA+	2W	DC-12.4G	40-60dB	1.30	SMA	Bi-directional	Ø9×30mm
ZFA2S-18B-YA	2W	DC-18G	0-30dB	1.25	SMA	Bi-directional	Ø9×27mm
ZFA2S-18B-YA+	2W	DC-18G	40-60dB	1.25	SMA	Bi-directional	Ø9×30mm
ZFA2S-18B-YC	2W	DC-18G	1-30dB	1.25	SMA	Bi-directional	Ø7.25×21.7mm Ø7.25×24mm
ZFA2S-18B-YS	2W	DC-18G	1-10dB	1.25	SMA	Bi-directional	Ø9×24mm
ZFA2N-4B-YA	2W	DC-4G	1-30dB	1.15	N	Bi-directional	Ø16.5×45mm
ZFA2N-6B-YA	2W	DC-6G	1-30dB	1.20	N	Bi-directional	Ø16.5×45mm
ZFA2N-8B-YA	2W	DC-8.5G	1-30dB	1.20	N	Bi-directional	Ø16.5×45mm
ZFA2N-12B-YA	2W	DC-12.4G	1-30dB	1.25	N	Bi-directional	Ø16.5×45mm
ZFA2N-18B-YA	2W	DC-18G	1-30dB	1.30	N	Bi-directional	Ø16.5×45mm
ZFA2N-18B-YA+	2W	DC-18G	40-60dB	1.30	N	Bi-directional	Ø16.5×48mm
ZFA2B-4B-YA	2W	DC-4G	1-30dB	1.20	BNC	Bi-directional	Ø14.5×35mm
ZFA2B-6B-YA	2W	DC-6G	1-30dB	1.25	BNC	Bi-directional	Ø14.5×35mm
ZFA2Q-4B-YA	2W	DC-4G	1-30dB	1.25	QMA	Bi-directional	Ø10.5×36mm
ZFA2Q-6B-YA	2W	DC-6G	1-30dB	1.20	QMA	Bi-directional	Ø10.5×36mm
ZFA2T-4B-YA	2W	DC-4G	1-30dB	1.15	TNC	Bi-directional	L=35mm
ZFA2T-6B-YA	2W	DC-6G	1-30dB	1.15	TNC	Bi-directional	L=35mm
ZFA2T-8B-YA	2W	DC-8.5G	1-30dB	1.15	TNC	Bi-directional	L=35mm
ZFA2T-12B-YA	2W	DC-12.4G	1-30dB	1.25	TNC	Bi-directional	L=35mm
ZFA2T-18B-YA	2W	DC-18G	1-30dB	1.30	TNC	Bi-directional	L=35mm
ZFA2mD-3B-YA	2W	DC-3G	1-30dB	1.20	4.3-10	Bi-directional	L=48mm
ZFA2mD-6B-YA	2W	DC-6G	1-30dB	1.20	4.3-10	Bi-directional	L=48mm