

Fixed Setting Attenuators (Waveguide & Coaxial)

FEATURES:

- ❖ Rugged construction
- ❖ Full band operation
- ❖ Up to 60 dB attenuation
- ❖ DC-180GHz

APPLICATIONS:

- ❖ Test equipment
- ❖ Subsystems
- ❖ Prototypes



DESCRIPTION:

CFA Series

Cernex CFA Series fixed setting attenuators are offered for the frequency range of DC to 180 GHz in seven waveguide bands. The standard attenuation levels for fixed attenuators are 3, 6, 10, 15, 20, 30 and 60 dB. The fixed setting attenuators are typically used in test set ups and prototype assemblies where certain attenuation are required.

SPECIFICATIONS:

COAXIAL HIGH POWER:

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC0210100T	DC-2.0	10±0.40dB	1.20	100	76X86X230	N
CFADC0220100T	DC-2.0	20±0.70dB	1.20	100	76X86X230	N
CFADC0230100T	DC-2.0	30±1.00dB	1.20	100	76X86X230	N
CFADC0240100T	DC-2.0	40±1.20dB	1.20	100	76X86X230	N
CFADC0250100T	DC-2.0	50±1.40dB	1.20	100	76X86X230	N
CFADC0210150T	DC-2.0	10±0.40dB	1.20	150	115X86X277	N
CFADC0220150T	DC-2.0	20±0.70dB	1.20	150	115X86X277	N
CFADC0230150T	DC-2.0	30±1.00dB	1.20	150	115X86X277	N
CFADC0240150T	DC-2.0	40±1.20dB	1.20	150	115X86X277	N
CFADC0250150T	DC-2.0	50±1.50dB	1.20	150	115X86X277	N
CFADC0210200T	DC-2.0	10±0.40dB	1.20	200	115X86X277	N
CFADC0220200T	DC-2.0	20±0.70dB	1.20	200	115X86X277	N
CFADC0230200T	DC-2.0	30±1.00dB	1.20	200	115X86X277	N

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CFADC0240200T	DC-2.0	40±1.20dB	1.20	200	115X86X277	N
CFADC0240200T	DC-2.0	50±1.50dB	1.20	200	115X86X277	N
CFADC0210250T	DC-2.0	10±0.40dB	1.20	250	132X140X353	N
CFADC0220250T	DC-2.0	20±0.70dB	1.20	250	132X140X353	N
CFADC0230250T	DC-2.0	30±1.00dB	1.20	250	132X140X353	N
CFADC0240250T	DC-2.0	40±1.20dB	1.20	250	132X140X353	N
CFADC0250250T	DC-2.0	50±1.50dB	1.20	250	132X140X353	N
CFADC0210300T	DC-2.0	10±0.40dB	1.20	300	132X140X353	N
CFADC0220300T	DC-2.0	20±0.70dB	1.20	300	132X140X353	N
CFADC0230300T	DC-2.0	30±1.00dB	1.20	300	132X140X353	N
CFADC0240300T	DC-2.0	40±1.20dB	1.20	300	132X140X353	N
CFADC0250300T	DC-2.0	50±1.50dB	1.20	300	132X140X353	N
CFADC0210400T	DC-2.0	10±0.40dB	1.20	400	132X140X437	N
CFADC0220400T	DC-2.0	20±0.70dB	1.20	400	132X140X437	N
CFADC0230400T	DC-2.0	30±1.00dB	1.20	400	132X140X437	N
CFADC0240400T	DC-2.0	40±1.20dB	1.20	400	132X140X437	N
CFADC0250400T	DC-2.0	50±1.50dB	1.20	400	132X140X437	N
CFADC0210500T	DC-2.0	10±0.40dB	1.20	500	132X140X437	N
CFADC0220500T	DC-2.0	20±0.70dB	1.20	500	132X140X437	N
CFADC0230500T	DC-2.0	30±1.00dB	1.20	500	132X140X437	N
CFADC0240500T	DC-2.0	40±1.20dB	1.20	500	132X140X437	N
CFADC0250500T	DC-2.0	50±1.50dB	1.20	500	132X140X437	N
CFADC02101000T	DC-2.0	10±0.40dB	1.20	1000	152X260X610	N
CFADC02201000T	DC-2.0	20±0.70dB	1.20	1000	152X260X610	N
CFADC02301000T	DC-2.0	30±1.00dB	1.20	1000	152X260X610	N
CFADC02401000T	DC-2.0	40±1.20dB	1.20	1000	152X260X610	N
CFADC02501000T	DC-2.0	50±1.50dB	1.20	1000	152X260X610	N
CFADC02302000TM	DC-2.0	30dB	1.4	2000	*	N
CFADC02402000TM	DC-2.0	40dB	1.4	2000	*	N
CFADC02502000TM	DC-2.0	50dB	1.4	2000	*	N
CFADC02602000TM	DC-2.0	60dB	1.4	2000	*	N

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CFADC02303000TM	DC-2.0	30dB	1.4	3000	*	N
CFADC02403000TM	DC-2.0	40dB	1.4	3000	*	N
CFADC02503000TM	DC-2.0	50dB	1.4	3000	*	N
CFADC02603000TM	DC-2.0	60dB	1.4	3000	*	N
CFADC030505S	DC-3.0	5±0.50dB	1.20	5	30X19X18	SMA/N
CFADC031005S	DC-3.0	10±0.50dB	1.20	5	30X19X18	SMA/N
CFADC031505S	DC-3.0	15±0.50dB	1.20	5	30X19X18	SMA/N
CFADC03202KWT	DC-3.0	20dB	1.25	2000	18X13X7	7/16
CFADC03302KWT	DC-3.0	30dB	1.25	2000	18X13X7	7/16
CFADC03402KWT	DC-3.0	40dB	1.25	2000	18X13X7	7/16
CFADC032005S	DC-3.0	20±0.50dB	1.20	5	30X19X18	SMA/N
CFADC032505S	DC-3.0	25±0.50dB	1.20	5	30X19X18	SMA/N
CFADC030510S	DC-3.0	5±0.50dB	1.20	10	30X19X18	SMA/N
CFADC031010S	DC-3.0	10±0.80dB	1.20	10	48x95	SMA/N
CFADC031510S	DC-3.0	15±0.50dB	1.20	10	30X19X18	SMA/N
CFADC032010S	DC-3.0	20±0.80dB	1.20	10	48x95	SMA/N
CFADC032510S	DC-3.0	25±0.50dB	1.20	10	30X19X18	SMA/N
CFADC033010S	DC-3.0	30±0.80dB	1.20	10	48x95	SMA/N
CFADC030305H	DC-3.0	3±0.30dB	1.20	5	*	N
CFADC030605H	DC-3.0	6±0.50dB	1.20	5	*	N
CFADC031005H	DC-3.0	10±0.70dB	1.20	5	*	N
CFADC031505H	DC-3.0	15±0.75dB	1.20	5	*	N
CFADC032005H	DC-3.0	20±0.80dB	1.20	5	*	N
CFADC032505H	DC-3.0	25±1.00dB	1.20	5	*	N
CFADC033005H	DC-3.0	30±1.00dB	1.20	5	*	N
CFADC030310	DC-3.0	3±0.30dB	1.2	10	*	N
CFADC030610	DC-3.0	6±0.50dB	1.2	10	*	N
CFADC031010	DC-3.0	10±0.70dB	1.2	10	*	N
CFADC031510	DC-3.0	15±0.75dB	1.2	10	*	N
CFADC032010	DC-3.0	20±0.80dB	1.2	10	*	N
CFADC032510	DC-3.0	25±1.00dB	1.2	10	*	N
CFADC033010	DC-3.0	30±1.00dB	1.2	10	*	N
CFADC030320	DC-3.0	3±0.30dB	1.2	20	*	N
CFADC030620	DC-3.0	6±0.50dB	1.2	20	*	N

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CFADC031020	DC-3.0	10±0.70dB	1.2	20	*	N
CFADC031520	DC-3.0	15±0.75dB	1.2	20	*	N
CFADC032020	DC-3.0	20±0.80dB	1.2	20	*	N
CFADC032520	DC-3.0	25±1.00dB	1.2	20	*	N
CFADC033020	DC-3.0	30±1.00dB	1.2	20	*	N
CFADC030330	DC-3.0	3±0.30dB	1.2	30	*	N
CFADC030630	DC-3.0	6±0.50dB	1.2	30	*	N
CFADC031030	DC-3.0	10±0.70dB	1.2	30	*	N
CFADC031530	DC-3.0	15±0.75dB	1.2	30	*	N
CFADC032030	DC-3.0	20±0.80dB	1.2	30	*	N
CFADC032530	DC-3.0	25±1.00dB	1.2	30	*	N
CFADC033030	DC-3.0	30±1.00dB	1.2	30	*	N
CFADC030350	DC-3.0	3±0.30dB	1.2	50	*	N
CFADC030650	DC-3.0	6±0.50dB	1.2	50	*	N
CFADC031050	DC-3.0	10±0.70dB	1.2	50	*	N
CFADC031550	DC-3.0	15±0.75dB	1.2	50	*	N
CFADC032050	DC-3.0	20±0.80dB	1.2	50	*	N
CFADC032550	DC-3.0	25±1.00dB	1.2	50	*	N
CFADC033050	DC-3.0	30±1.00dB	1.2	50	*	N
CFADC0303100	DC-3.0	3±0.30dB	1.2	100	*	N
CFADC0306100	DC-3.0	6±0.50dB	1.2	100	*	N
CFADC0310100	DC-3.0	10±0.70dB	1.2	100	*	N
CFADC0315100	DC-3.0	15±0.75dB	1.2	100	*	N
CFADC0320100	DC-3.0	20±0.80dB	1.2	100	*	N
CFADC0325100	DC-3.0	25±1.00dB	1.2	100	*	N
CFADC0330100	DC-3.0	30±1.00dB	1.2	100	*	N
CFADC0303150	DC-3.0	3±0.30dB	1.2	150	*	N
CFADC0306150	DC-3.0	6±0.50dB	1.2	150	*	N
CFADC0310150	DC-3.0	10±0.70dB	1.2	150	*	N
CFADC0315150	DC-3.0	15±0.75dB	1.2	150	*	N
CFADC0320150	DC-3.0	20±0.80dB	1.2	150	*	N
CFADC0325150	DC-3.0	25±1.00dB	1.2	150	*	N
CFADC0330150	DC-3.0	30±1.00dB	1.2	150	*	N

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Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC0303200	DC-3.0	3±0.30dB	1.2	200	*	N
CFADC0306200	DC-3.0	6±0.50dB	1.2	200	*	N
CFADC0310200	DC-3.0	10±0.70dB	1.2	200	*	N
CFADC0315200	DC-3.0	15±0.75dB	1.2	200	*	N
CFADC0320200	DC-3.0	20±0.80dB	1.2	200	*	N
CFADC0325200	DC-3.0	25±1.00dB	1.2	200	*	N
CFADC0330200	DC-3.0	30±1.00dB	1.2	200	*	N
CFADC0303250	DC-3.0	3±0.30dB	1.2	250	*	N
CFADC0306250	DC-3.0	6±0.50dB	1.2	250	*	N
CFADC0310250	DC-3.0	10±0.70dB	1.2	250	*	N
CFADC0315250	DC-3.0	15±0.75dB	1.2	250	*	N
CFADC0320250	DC-3.0	20±0.80dB	1.2	250	*	N
CFADC0325250	DC-3.0	25±1.00dB	1.2	250	*	N
CFADC0330250	DC-3.0	30±1.00dB	1.2	250	*	N
CFADC0303300	DC-3.0	3±0.30dB	1.2	300	*	N
CFADC0306300	DC-3.0	6±0.50dB	1.2	300	*	N
CFADC0310300	DC-3.0	10±0.70dB	1.2	300	*	N
CFADC0315300	DC-3.0	15±0.75dB	1.2	300	*	N
CFADC0320300	DC-3.0	20±0.80dB	1.2	300	*	N
CFADC0325300	DC-3.0	25±1.00dB	1.2	300	*	N
CFADC0330300	DC-3.0	30±1.00dB	1.2	300	*	N
CFADC03201000	DC-3.0	20±1.50dB	1.35	1000	*	N
CFADC03301000	DC-3.0	30±1.50dB	1.35	1000	*	N
CFADC03401000	DC-3.0	40±1.50dB	1.35	1000	*	N
CFADC041050T	DC-4.0	10±0.50dB	1.35	50	76X86X170	N
CFADC042050T	DC-4.0	20±1.00dB	1.35	50	76X86X170	N
CFADC043050T	DC-4.0	30±1.20dB	1.35	50	76X86X170	N
CFADC044050T	DC-4.0	40±1.50dB	1.35	50	76X86X170	N
CFADC0410100T	DC-4.0	10±0.50dB	1.35	100	76X86X230	N
CFADC0420100T	DC-4.0	20±1.00dB	1.35	100	76X86X230	N
CFADC0430100T	DC-4.0	30±1.20dB	1.35	100	76X86X230	N
CFADC0440100T	DC-4.0	40±1.50dB	1.35	100	76X86X230	N
CFADC0450100T	DC-4.0	50±1.70dB	1.35	100	76X86X230	N
CFADC0410150T	DC-4.0	10±0.50dB	1.35	150	115X86X277	N
CFADC0420150T	DC-4.0	20±1.00dB	1.35	150	115X86X277	N
CFADC0430150T	DC-4.0	30±1.20dB	1.35	150	115X86X277	N

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CFADC0440150T	DC-4.0	40±1.50dB	1.35	150	115X86X277	N
CFADC0450150T	DC-4.0	50±1.70dB	1.35	150	115X86X277	N
CFADC0410200T	DC-4.0	10±0.50dB	1.35	200	115X86X277	N
CFADC0420200T	DC-4.0	20±1.00dB	1.35	200	115X86X277	N
CFADC0430200T	DC-4.0	30±1.20dB	1.35	200	115X86X277	N
CFADC0440200T	DC-4.0	40±1.50dB	1.35	200	115X86X277	N
CFADC0450200T	DC-4.0	50±1.70dB	1.35	200	115X86X277	N
CFADC0410250T	DC-4.0	10±0.50dB	1.35	250	132X140X353	N
CFADC0420250T	DC-4.0	20±1.00dB	1.35	250	132X140X353	N
CFADC0430250T	DC-4.0	30±1.20dB	1.35	250	132X140X353	N
CFADC0440250T	DC-4.0	40±1.50dB	1.35	250	132X140X353	N
CFADC0450250T	DC-4.0	50±1.70dB	1.35	250	132X140X353	N
CFADC0410300T	DC-4.0	10±0.50dB	1.35	300	132X140X353	N
CFADC0420300T	DC-4.0	20±1.00dB	1.35	300	132X140X353	N
CFADC0430300T	DC-4.0	30±1.20dB	1.35	300	132X140X353	N
CFADC0440300T	DC-4.0	40±1.50dB	1.35	300	132X140X353	N
CFADC0450300T	DC-4.0	50±1.70dB	1.35	300	132X140X353	N
CFADC0410400T	DC-4.0	10±0.50dB	1.35	400	132X140X437	N
CFADC0420400T	DC-4.0	20±1.00dB	1.35	400	132X140X437	N
CFADC0430400T	DC-4.0	30±1.20dB	1.35	400	132X140X437	N
CFADC0440400T	DC-4.0	40±1.50dB	1.35	400	132X140X437	N
CFADC0450400T	DC-4.0	50±1.70dB	1.35	400	132X140X437	N
CFADC0410500T	DC-4.0	10±0.50dB	1.35	500	132X140X437	N
CFADC0420500T	DC-4.0	20±1.00dB	1.35	500	132X140X437	N
CFADC0430500T	DC-4.0	30±1.20dB	1.35	500	132X140X437	N
CFADC0440500T	DC-4.0	40±1.50dB	1.35	500	132X140X437	N
CFADC0450500T	DC-4.0	50±1.70dB	1.35	500	132X140X437	N
CFADC04101000T	DC-4.0	10±0.50dB	1.35	1000	152X260X610	N
CFADC04201000T	DC-4.0	20±1.00dB	1.35	1000	152X260X610	N
CFADC04301000T	DC-4.0	30±1.20dB	1.35	1000	152X260X610	N
CFADC04401000T	DC-4.0	40±1.50dB	1.35	1000	152X260X610	N
CFADC04501000T	DC-4.0	50±1.70dB	1.35	1000	152X260X610	N
CFADC0503250W	DC-5.0	3±1.50dB	1.25	250	*	SMA
CFADC0506250W	DC-5.0	6±1.50dB	1.25	250	*	SMA

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CFADC0510250W	DC-5.0	10±1.50dB	1.25	250	*	SMA
CFADC0515250W	DC-5.0	15±1.50dB	1.25	250	*	SMA
CFADC0520250W	DC-5.0	20±1.50dB	1.25	250	*	SMA
CFADC0530250W	DC-5.0	30±1.75dB	1.25	250	*	SMA
CFADC0510300W	DC-5.0	10±0.75dB	1.45	300	*	SMA
CFADC0515300W	DC-5.0	15±0.75dB	1.45	300	*	SMA
CFADC0520300W	DC-5.0	20±0.75dB	1.45	300	*	SMA
CFADC0530300W	DC-5.0	30±0.75dB	1.45	300	*	SMA
CFADC0503500W	DC-5.0	3±0.50dB	1.35	500	*	SMA
CFADC0506500W	DC-5.0	6±1.00dB	1.35	500	*	SMA
CFADC0510500W	DC-5.0	10±1.00dB	1.35	500	*	SMA
CFADC0515500W	DC-5.0	15±1.00dB	1.35	500	*	SMA
CFADC0520500W	DC-5.0	20±0.50dB	1.35	500	*	SMA
CFADC0530500W	DC-5.0	30±0.50dB	1.35	500	*	SMA
CFADC0540500W	DC-5.0	40±0.50dB	1.35	500	*	SMA
CFADC061010N	DC-6.0	10±0.50dB	1.20	10	*	N
CFADC062050N	DC-6.0	20±0.75dB	1.30	50	*	N
CFADC063050N	DC-6.0	30±1.00dB	1.30	50	*	N
CFADC0810100W	DC-8.5	10±0.75dB	1.45	100	*	SMA
CFADC0815100W	DC-8.5	15±0.75dB	1.45	100	*	SMA
CFADC0820100W	DC-8.5	20±0.75dB	1.45	100	*	SMA
CFADC0830100W	DC-8.5	30±0.75dB	1.45	100	*	SMA
CFADC0810250W	DC-8.5	10±0.75dB	1.45	250	*	SMA
CFADC0815250W	DC-8.5	15±0.75dB	1.45	250	*	SMA
CFADC0820250W	DC-8.5	20±0.75dB	1.45	250	*	SMA
CFADC0830250W	DC-8.5	30±0.75dB	1.45	250	*	SMA
CFADC0810300W	DC-8.5	10±0.75dB	1.45	300	*	SMA
CFADC0815300W	DC-8.5	15±0.75dB	1.45	300	*	SMA
CFADC0820300W	DC-8.5	20±0.75dB	1.45	300	*	SMA
CFADC0830300W	DC-8.5	30±0.75dB	1.45	300	*	SMA
CFADC0810500W	DC-8.5	10±0.75dB	1.45	500	*	SMA
CFADC0820500W	DC-8.5	20±0.75dB	1.45	500	*	SMA
CFADC0830500W	DC-8.5	30±0.75dB	1.45	500	*	SMA
CFADC0840500W	DC-8.5	40±1.00dB	1.45	500	*	SMA
CFADC180305W	DC-18.0	3±1.50dB	1.60	5	*	SMA
CFADC180605W	DC-18.0	6±1.50dB	1.60	5	*	SMA

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CFADC181005W	DC-18.0	10±1.50dB	1.60	5	*	SMA
CFADC181505W	DC-18.0	15±1.50dB	1.60	5	*	SMA
CFADC182005W	DC-18.0	20±2.00dB	1.60	5	*	SMA
CFADC183005W	DC-18.0	30±2.00dB	1.60	5	*	SMA
CFADC180305WN	DC-18.0	3±1.50dB	1.60	5	*	N
CFADC180605WN	DC-18.0	6±1.50dB	1.60	5	*	N
CFADC181005WN	DC-18.0	10±1.50dB	1.60	5	*	N
CFADC181505WN	DC-18.0	15±1.50dB	1.60	5	*	N
CFADC182005WN	DC-18.0	20±2.00dB	1.60	5	*	N
CFADC182505WN	DC-18.0	25±2.00dB	1.60	5	*	N
CFADC183005WN	DC-18.0	30±2.00dB	1.60	5	*	N
CFADC184005WN	DC-18.0	40±2.00dB	1.60	5	*	N
CFADC180310W	DC-18.0	3±1.50dB	1.60	10	*	SMA
CFADC180610W	DC-18.0	6±1.50dB	1.60	10	*	SMA
CFADC181010W	DC-18.0	10±1.50dB	1.60	10	*	SMA
CFADC181510W	DC-18.0	15±1.50dB	1.60	10	*	SMA
CFADC182010W	DC-18.0	20±2.00dB	1.60	10	*	SMA
CFADC183010W	DC-18.0	30±2.00dB	1.60	10	*	SMA
CFADC180325W	DC-18.0	3±1.50dB	1.60	25	*	SMA
CFADC180625W	DC-18.0	6±1.50dB	1.60	25	*	SMA
CFADC181025W	DC-18.0	10±1.50dB	1.60	25	*	SMA
CFADC181525W	DC-18.0	15±1.50dB	1.60	25	*	SMA
CFADC182025W	DC-18.0	20±2.00dB	1.60	25	*	SMA
CFADC183025W	DC-18.0	30±2.00dB	1.60	25	*	SMA
CFADC180350W	DC-18.0	3±1.00dB	1.60	50	*	SMA
CFADC180650W	DC-18.0	6±1.00dB	1.60	50	*	SMA
CFADC181050W	DC-18.0	10±1.00dB	1.60	50	*	SMA
CFADC181550W	DC-18.0	15±1.00dB	1.60	50	*	SMA
CFADC182050W	DC-18.0	20±1.25dB	1.60	50	*	SMA
CFADC183050W	DC-18.0	30±1.25dB	1.60	50	*	SMA
CFADC1810100W	DC-18.0	10±1.00dB	1.60	100	*	SMA
CFADC1815100W	DC-18.0	15±1.00dB	1.60	100	*	SMA
CFADC1820100W	DC-18.0	20±1.25dB	1.60	100	*	SMA
CFADC1830100W	DC-18.0	30±1.25dB	1.60	100	*	SMA
CFADC1810150W	DC-18.0	10±2.00dB	1.90	150	*	SMA
CFADC1820150W	DC-18.0	20±1.50dB	1.50	150	*	SMA

Fixed Setting Attenuators (Waveguide & Coaxial)

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC1820200W	DC-18.0	20+/-3.00dB	1.50	200	*	SMA
CFADC1830150W	DC-18.0	30±1.50dB	1.50	150	*	SMA
CFADC1840150W	DC-18.0	40±1.50dB	1.50	150	*	SMA
CFADC400305W	DC-40.0	3±1.00dB	1.60	5	*	2.92mm
CFADC400605W	DC-40.0	6±1.00dB	1.60	5	*	2.92mm
CFADC401005W	DC-40.0	10±1.00dB	1.60	5	*	2.92mm
CFADC401505W	DC-40.0	15±1.00dB	1.60	5	*	2.92mm
CFADC402005W	DC-40.0	20±1.25dB	1.60	5	*	2.92mm
CFADC403005W	DC-40.0	30±1.25dB	1.60	5	*	2.92mm
CFADC400310W	DC-40.0	3±1.00dB	1.60	10	*	2.92mm
CFADC400610W	DC-40.0	6±1.00dB	1.60	10	*	2.92mm
CFADC401010W	DC-40.0	10±1.00dB	1.60	10	*	2.92mm
CFADC401510W	DC-40.0	15±1.00dB	1.60	10	*	2.92mm
CFADC402010W	DC-40.0	20±1.25dB	1.60	10	*	2.92mm
CFADC403010W	DC-40.0	30±1.25dB	1.60	10	*	2.92mm
CFADC402020W	DC-40.0	20dB Typ	1.60 Typ	20	*	2.92mm

OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

*CONSULT THE FACTORY

COAXIAL TUBULAR:

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC030302H	DC-3.0	3±0.30dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC030502H	DC-3.0	5±0.50dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC030602H	DC-3.0	6±0.50dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC030702H	DC-3.0	7±0.50dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC031002H	DC-3.0	10±0.70dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC031502H	DC-3.0	15±0.75dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC032002H	DC-3.0	20±0.80dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC032502H	DC-3.0	25±1.00dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC033002H	DC-3.0	30±1.00dB	1.20	2	Φ 18 X 69.5	SMA/N
CFADC030310H	DC-3.0	3±0.30dB	1.2	10	L=87	N-M/F
CFADC030510H	DC-3.0	5±0.50dB	1.2	10	L=87	N-M/F
CFADC030610H	DC-3.0	6±0.50dB	1.2	10	L=87	N-M/F

Fixed Setting Attenuators (Waveguide & Coaxial)

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC031010H	DC-3.0	10±0.70dB	1.2	10	L=87	N-M/F
CFADC031510H	DC-3.0	15±0.70dB	1.2	10	L=87	N-M/F
CFADC032010H	DC-3.0	20±0.80dB	1.2	10	L=87	N-M/F
CFADC033010H	DC-3.0	30±0.80dB	1.2	10	L=87	N-M/OF
CFADC030320H	DC-3.0	3±0.30dB	1.2	20	L=106	N-M/F
CFADC030520H	DC-3.0	5±0.50dB	1.2	20	L=106	N-M/F
CFADC030620H	DC-3.0	6±0.50dB	1.2	20	L=106	N-M/F
CFADC031020H	DC-3.0	10±0.70dB	1.2	20	L=106	N-M/F
CFADC031520H	DC-3.0	15±0.70dB	1.2	20	L=106	N-M/F
CFADC032020H	DC-3.0	20±0.80dB	1.2	20	L=106	N-M/F
CFADC033020H	DC-3.0	30±0.80dB	1.2	20	L=106	N-M/F
CFADC030325H	DC-3.0	3±0.30dB	1.2	25	L=106	N-M/F
CFADC030525H	DC-3.0	5±0.50dB	1.2	25	L=106	N-M/F
CFADC030625H	DC-3.0	6±0.50dB	1.2	25	L=106	N-M/F
CFADC031025H	DC-3.0	10±0.70dB	1.2	25	L=106	N-M/F
CFADC031525H	DC-3.0	15±0.70dB	1.2	25	L=106	N-M/F
CFADC032025H	DC-3.0	20±0.80dB	1.2	25	L=106	N-M/F
CFADC033025H	DC-3.0	30±0.80dB	1.2	25	L=106	N-M/F
CFADC030330H	DC-3.0	3±0.30dB	1.2	30	L=120	N-M/F
CFADC030530H	DC-3.0	5±0.50dB	1.2	30	L=120	N-M/F
CFADC030630H	DC-3.0	6±0.50dB	1.2	30	L=120	N-M/F
CFADC031030H	DC-3.0	10±0.70dB	1.2	30	L=120	N-M/F
CFADC031530H	DC-3.0	15±0.70dB	1.2	30	L=120	N-M/F
CFADC032030H	DC-3.0	20±0.80dB	1.2	30	L=120	N-M/F
CFADC033030H	DC-3.0	30±0.80dB	1.2	30	L=120	N-M/F
CFADC030350H	DC-3.0	3±0.30dB	1.2	50	L=137	N-M/F
CFADC030550H	DC-3.0	5±0.50dB	1.2	50	L=137	N-M/F
CFADC030650H	DC-3.0	6±0.50dB	1.2	50	L=137	N-M/F
CFADC031050H	DC-3.0	10±0.70dB	1.2	50	L=137	N-M/F
CFADC031550H	DC-3.0	15±0.70dB	1.2	50	L=137	N-M/F
CFADC032050H	DC-3.0	20±0.80dB	1.2	50	L=137	N-M/F
CFADC033050H	DC-3.0	30±0.80dB	1.2	50	L=137	N-M/F
CFADC030560H	DC-3.0	5±0.50dB	1.2	60	L=137	N-F/M
CFADC030660H	DC-3.0	6±0.50dB	1.2	60	L=137	N-F/M
CFADC031060H	DC-3.0	10±0.70dB	1.2	60	L=137	N-F/M
CFADC031560H	DC-3.0	15±0.70dB	1.2	60	L=137	N-F/M

Fixed Setting Attenuators (Waveguide & Coaxial)

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC032060H	DC-3.0	20±0.80dB	1.2	60	L=137	N-F/M
CFADC033060H	DC-3.0	30±0.80dB	1.2	60	L=137	N-F/M
CFADC034060H	DC-3.0	40±1.00dB	1.2	60	L=137	N-F/M
CFADC041002H	DC-4.0	10±0.70dB	1.10	2	L=60.8	SMA-M/F
CFADAC041502H	DC-4.0	15±0.70dB	1.10	2	L=60.8	SMA-M/F
CFADC042002H	DC-4.0	20±0.80dB	1.1	2	L=60.8	SMA-M/F
CFADC043002H	DC-4.0	30±0.80dB	1.1	2	L=60.8	SMA-M/F
CFADC040305H	DC-4.0	3±0.30dB	1.1	5	L=69	N-M/F
CFADC040505H	DC-4.0	5±0.50dB	1.1	5	L=69	N-M/F
CFADC040605H	DC-4.0	6±0.50dB	1.1	5	L=69	N-M/F
CFADC041005H	DC-4.0	10±0.70dB	1.1	5	L=69	N-M/F
CFADC041505H	DC-4.0	15±0.70dB	1.1	5	L=69	N-M/F
CFADC042005H	DC-4.0	20±0.80dB	1.1	5	L=69	N-M/F
CFADC043005H	DC-4.0	30±0.80dB	1.1	5	L=69	N-M/F
CFADC0403U5H	DC-4.0	30±0.80dB	1.10	0.5	L=31.7	SMA-M/F
CFADC0405U5H	DC-4.0	5±0.50dB	1.10	0.5	L=31.7	SMA-M/F
CFADC0406U5H	DC-4.0	6±0.50dB	1.10	0.5	L=31.7	SMA-M/F
CFADC0410U5H	DC-4.0	10±0.70dB	1.10	0.5	L=31.7	SMA-M/F
CFADC0415U5H	DC-4.0	15±0.70dB	1.10	0.5	L=31.7	SMA-M/F
CFADC0420U5H	DC-4.0	20±0.80dB	1.10	0.5	L=31.7	SMA-M/F
CFADC0430U5H	DC-4.0	30±0.80dB	1.10	0.5	L=31.7	SMA-M/F
CFADC040301T	DC-4.0	3±0.50dB	1.20	1	Φ 9.5 X 30	SMA
CFADC040601T	DC-4.0	6±0.50dB	1.20	1	Φ 9.5 X 30	SMA
CFADC041001T	DC-4.0	10±0.70dB	1.20	1	Φ 9.5 X 30	SMA
CFADC042001T	DC-4.0	20±1.00dB	1.20	1	Φ 9.5 X 30	SMA
CFADC040302H	DC-4.0	3±0.30dB	1.10	2	L=69	N-M/F
CFADC040502H	DC-4.0	5±0.50dB	1.10	2	L=69	N-M/F
CFADC040602H	DC-4.0	6±0.50dB	1.10	2	L=69	N-M/F
CFADC041002H	DC-4.0	10±0.70dB	1.10	2	L=69	N-M/F
CFADC041502H	DC-4.0	15±0.70dB	1.10	2	L=69	N-M/F
CFADC042002H	DC-4.0	20±0.80dB	1.10	2	L=69	N-M/F
CFADC043002H	DC-4.0	3±0.30dB	1.10	2	L=69	*
CFADC040302T	DC-4.0	3±0.30dB	1.30	2	Φ 21 X 64	N
CFADC040602T	DC-4.0	6±0.30dB	1.30	2	Φ 21 X 64	N
CFADC041002T	DC-4.0	10±0.50dB	1.30	2	Φ 21 X 64	N
CFADC041502T	DC-4.0	15±0.80dB	1.30	2	Φ 21 X 64	N

Fixed Setting Attenuators (Waveguide & Coaxial)

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC042002T	DC-4.0	20±1.00dB	1.30	2	Φ 21 X 64	N
CFADC043002T	DC-4.0	30±1.50dB	1.30	2	Φ 21 X 64	N
CFADC040305T	DC-4.0	3±0.30dB	1.25	5	Φ 24 X 65	SMA
CFADC040605T	DC-4.0	6±0.30dB	1.25	5	Φ 24 X 65	SMA
CFADC041005T	DC-4.0	10±0.50dB	1.25	5	Φ 24 X 65	SMA
CFADC041505T	DC-4.0	15±0.80dB	1.25	5	Φ 24 X 65	SMA
CFADC042005T	DC-4.0	20±1.00dB	1.25	5	Φ 24 X 65	SMA
CFADC043005T	DC-4.0	30±1.20dB	1.25	5	Φ 24 X 65	SMA
CFADC040325T	DC-4.0	3±0.30dB	1.35	25	Φ 44 X 88	N
CFADC040625T	DC-4.0	6±0.30dB	1.35	25	Φ 44 X 88	N
CFADC041025T	DC-4.0	10±0.50dB	1.35	25	Φ 44 X 88	N
CFADC041525T	DC-4.0	15±0.70dB	1.35	25	Φ 44 X 88	N
CFADC042025T	DC-4.0	20±0.80dB	1.35	25	Φ 44 X 88	N
CFADC043025T	DC-4.0	30±1.00dB	1.35	25	Φ 44 X 88	N
CFADC040330T	DC-4.0	3±0.30dB	1.35	30	Φ 44 X 70	N
CFADC040630T	DC-4.0	6±0.30dB	1.35	30	Φ 44 X 70	N
CFADC041030T	DC-4.0	10±0.50dB	1.35	30	Φ 44 X 70	N
CFADC041530T	DC-4.0	15±0.70dB	1.35	30	Φ 44 X 70	N
CFADC042030T	DC-4.0	20±0.80dB	1.35	30	Φ 44 X 70	N
CFADC043030T	DC-4.0	30±1.00dB	1.35	30	Φ 44 X 70	N
CFADC060302	DC-6.0	3±0.30dB	1.15	2	*	SMA
CFADC060602	DC-6.0	6±0.30dB	1.15	2	*	SMA
CFADC061002	DC-6.0	10±0.50dB	1.15	2	*	SMA
CFADC061502	DC-6.0	15±0.50dB	1.15	2	*	SMA
CFADC062002	DC-6.0	20±0.50dB	1.15	2	*	SMA
CFADC063002	DC-6.0	30±0.75dB	1.15	2	*	SMA
CFADC060302N	DC-6.0	3±0.30dB	1.15	2	*	N
CFADC060602N	DC-6.0	6±0.30dB	1.15	2	*	N
CFADC061002N	DC-6.0	10±0.50dB	1.15	2	*	N
CFADC061502N	DC-6.0	15±0.50dB	1.15	2	*	N
CFADC062002N	DC-6.0	20±0.50dB	1.15	2	*	N
CFADC063002N	DC-6.0	30±0.75dB	1.15	2	*	N
CFADC120301T	DC-12.4	3±0.50dB	1.35	1	Φ 9.5 X 30	SMA
CFADC120601T	DC-12.4	6±0.50dB	1.35	1	Φ 9.5 X 30	SMA
CFADC121001T	DC-12.4	10±1.00dB	1.35	1	Φ 9.5 X 30	SMA
CFADC122001T	DC-12.4	20±1.20dB	1.35	1	Φ 9.5 X 30	SMA

Fixed Setting Attenuators (Waveguide & Coaxial)

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC120302T	DC-12.4	3±0.40dB	1.35	2	Φ 21 X 64	N
CFADC120602T	DC-12.4	6±0.50dB	1.35	2	Φ 21 X 64	N
CFADC121002T	DC-12.4	10±0.70dB	1.35	2	Φ 21 X 64	N
CFADC121502T	DC-12.4	15±1.00dB	1.35	2	Φ 21 X 64	N
CFADC122002T	DC-12.4	20±1.20dB	1.35	2	Φ 21 X 64	N
CFADC123002T	DC-12.4	30±1.50dB	1.35	2	Φ 21 X 64	N
CFADC120310T	DC-12.4	3±0.40dB	1.40	10	Φ 35 X 64	SMA
CFADC120610T	DC-12.4	6±0.50dB	1.40	10	Φ 35 X 64	SMA
CFADC121010T	DC-12.4	10±0.70dB	1.40	10	Φ 35 X 64	SMA
CFADC121510T	DC-12.4	15±1.00dB	1.40	10	Φ 35 X 64	SMA
CFADC122010T	DC-12.4	20±1.20dB	1.40	10	Φ 35 X 64	SMA
CFADC123010T	DC-12.4	30±1.50dB	1.40	10	Φ 35 X 64	SMA
CFADC120315T	DC-12.4	3±0.40dB	1.40	15	Φ 35 X 64	N
CFADC120615T	DC-12.4	6±0.50dB	1.40	15	Φ 35 X 64	N
CFADC121015T	DC-12.4	10±0.70dB	1.40	15	Φ 35 X 64	N
CFADC121515T	DC-12.4	15±1.00dB	1.40	15	Φ 35 X 64	N
CFADC122015T	DC-12.4	20±1.20dB	1.40	15	Φ 35 X 64	N
CFADC123015T	DC-12.4	30±1.50dB	1.40	15	Φ 35 X 64	N
CFADC120325T	DC-12.4	3±0.40dB	1.35	25	Φ 44 X 88	N
CFADC120625T	DC-12.4	6±0.50dB	1.35	25	Φ 44 X 88	N
CFADC121025T	DC-12.4	10±0.60dB	1.35	25	Φ 44 X 88	N
CFADC121525T	DC-12.4	15±0.80dB	1.35	25	Φ 44 X 88	N
CFADC122025T	DC-12.4	20±1.00dB	1.35	25	Φ 44 X 88	N
CFADC123025T	DC-12.4	30±1.20dB	1.35	25	Φ 44 X 88	N
CFADC120330T	DC-12.4	3±0.40dB	1.35	30	Φ 44 X 70	N
CFADC120630T	DC-12.4	6±0.50dB	1.35	30	Φ 44 X 70	N
CFADC121030T	DC-12.4	10±0.60dB	1.35	30	Φ 44 X 70	N
CFADC121530T	DC-12.4	15±0.80dB	1.35	30	Φ 44 X 70	N
CFADC122030T	DC-12.4	20±1.00dB	1.35	30	Φ 44 X 70	N
CFADC123030T	DC-12.4	30±1.20dB	1.35	30	Φ 44 X 70	N
CFADC121050T	DC-12.4	10±0.80dB	1.30	50	Φ 50 X 116	N
CFADC122050T	DC-12.4	20±1.00dB	1.30	50	Φ 50 X 116	N
CFADC123050T	DC-12.4	30±1.20dB	1.30	50	Φ 50 X 116	N
CFADC180302	DC-18.0	3±0.30dB	1.35	2	*	SMA
CFADC180602	DC-18.0	6±0.30dB	1.35	2	*	SMA
CFADC181002	DC-18.0	10±0.50dB	1.35	2	*	SMA

Fixed Setting Attenuators (Waveguide & Coaxial)

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC181502	DC-18.0	15±0.50dB	1.35	2	*	SMA
CFADC182002	DC-18.0	20±0.50dB	1.35	2	*	SMA
CFADC183002	DC-18.0	30±0.75dB	1.35	2	*	SMA
CFADC180305	DC-18.0	3±0.40dB	1.35	5	*	SMA
CFADC180605	DC-18.0	6±0.40dB	1.35	5	*	SMA
CFADC181005	DC-18.0	10±0.60dB	1.35	5	*	SMA
CFADC181505	DC-18.0	15±0.60dB	1.35	5	*	SMA
CFADC182005	DC-18.0	20±0.60dB	1.35	5	*	SMA
CFADC183005	DC-18.0	30±0.85dB	1.35	5	*	SMA
CFADC180305N	DC-18.0	3±0.40dB	1.35	5	*	N
CFADC180605N	DC-18.0	6±0.40dB	1.35	5	*	N
CFADC181005N	DC-18.0	10±0.60dB	1.35	5	*	N
CFADC181505N	DC-18.0	15±0.60dB	1.35	5	*	N
CFADC182005N	DC-18.0	20±0.60dB	1.35	5	*	N
CFADC183005N	DC-18.0	30±0.85dB	1.35	5	*	N
CFADC181025TM	DC-18.0	10±1.00dB	1.10-1.35	25	*	SMA/N
CFADC182025TM	DC-18.0	20±1.00dB	1.10-1.35	25	*	SMA/N
CFADC183025TM	DC-18.0	30±1.00dB	1.10-1.35	25	*	SMA/N
CFADC260302	DC-26.0	3±0.30dB	1.15	2	*	SMA
CFADC260602	DC-26.0	6±0.30dB	1.25	2	*	SMA
CFADC261002	DC-26.0	10±0.50dB	1.35	2	*	SMA
CFADC261502	DC-26.0	15±0.70dB	1.35	2	*	SMA
CFADC262002	DC-26.0	20±0.75dB	1.40	2	*	SMA
CFADC263002	DC-26.0	30±0.80dB	1.40	2	*	SMA
CFADC4003U5	DC-40.0	3±1.00dB	1.60	0.5	*	2.9mm
CFADC4006U5	DC-40.0	6±1.00dB	1.60	0.5	*	2.9mm
CFADC4010U5	DC-40.0	10±1.00dB	1.60	0.5	*	2.9mm
CFADC4015U5	DC-40.0	15±1.25dB	1.60	0.5	*	2.9mm
CFADC4020U5	DC-40.0	20±1.25dB	1.60	0.5	*	2.9mm
CFADC4030U5	DC-40.0	30±1.25dB	1.60	0.5	*	2.9mm
CFADC400301	DC-40.0	3±1.00dB	1.60	1.0	*	2.9mm
CFADC400601	DC-40.0	6±1.00dB	1.60	1.0	*	2.9mm
CFADC401001	DC-40.0	10±1.00dB	1.60	1.0	*	2.9mm
CFADC401501	DC-40.0	15±1.25dB	1.60	1.0	*	2.9mm
CFADC402001	DC-40.0	20±1.25dB	1.60	1.0	*	2.9mm
CFADC403001	DC-40.0	30±1.25dB	1.60	1.0	*	2.9mm



Fixed Setting Attenuators (Waveguide & Coaxial)

Model No.	Frequency Range (GHz)	Attenuation	VSWR (Max)	Power (W)	Size LXWXH (mm)	Connector Type
CFADC400302W	DC-40.0	3±1.00dB	1.60	2	*	2.92mm
CFADC400602W	DC-40.0	6±1.00dB	1.60	2	*	2.92mm
CFADC401002W	DC-40.0	10±1.00dB	1.60	2	*	2.92mm
CFADC401502W	DC-40.0	15±1.25dB	1.60	2	*	2.92mm
CFADC402002W	DC-40.0	20±1.25dB	1.60	2	*	2.92mm
CFADC403002W	DC-40.0	30±1.25dB	1.60	2	*	2.92mm
CFADC5003U5W	DC-50.0	3±1.50dB	1.75	0.5	*	2.4mm
CFADC5006U5W	DC-50.0	6±1.50dB	1.75	0.5	*	2.4mm
CFADC5010U5W	DC-50.0	10±1.50dB	1.75	0.5	*	2.4mm
CFADC5015U5W	DC-50.0	15±1.50dB	1.75	0.5	*	2.4mm
CFADC5020U5W	DC-50.0	20±2.00dB	1.75	0.5	*	2.4mm
CFADC5030U5W	DC-50.0	30±2.00dB	1.75	0.5	*	2.4mm
CFADC500301W	DC-50.0	3±1.50dB	1.75	1.0	*	2.4mm
CFADC500601W	DC-50.0	6±1.50dB	1.75	1.0	*	2.4mm
CFADC501001W	DC-50.0	10±1.50dB	1.75	1.0	*	2.4mm
CFADC501501W	DC-50.0	15±1.50dB	1.75	1.0	*	2.4mm
CFADC502001W	DC-50.0	20±2.00dB	1.75	1.0	*	2.4mm
CFADC503001W	DC-50.0	30±2.00dB	1.75	1.0	*	2.4mm
CFADC6503U5	DC-65.0	3±1.50dB	2:1	0.5	*	1.85mm
CFADC6506U5	DC-65.0	6±1.50dB	2:1	0.5	*	1.85mm
CFADC6510U5	DC-65.0	10±1.50dB	2:1	0.5	*	1.85mm
CFADC6520U5	DC-65.0	20±2.00dB	2:1	0.5	*	1.85mm
CFADC6530U5	DC-65.0	30±2.00dB	2:1	0.5	*	1.85mm

OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

*CONSULT THE FACTORY

WAVEGUIDE:

Waveguide Band	C	X	Ku	Kc	K	Kb	Ka
Frequency Range (GHz)	4.90 to 7.05	8.20 to 12.40	12.4 to 18	15.0 to 22.0	18 to 26.5	22.0 to 33.0	26.5 to 40.0
Waveguide Size	WR-159	WR-90	WR-62	WR-51	WR-42	WR-34	WR-28
Fixed Attenuation Value (dB, Typ.)	3, 6, 10, 20 and 30						
VSWR (Typical)	1.15:1						
Level Setting Value (dB, Typical)	0 to 30						

Fixed Setting Attenuators (Waveguide & Coaxial)

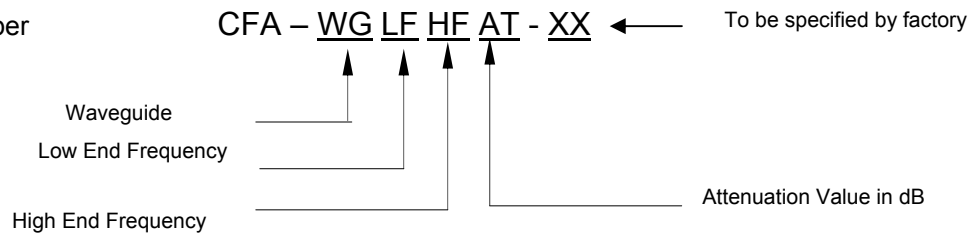
Waveguide Band	Q	U	V	E	W	F	D
Frequency Range (GHz)	33.0 to 50.0	40.0 to 60.0	50.0 to 75.0	60.0 to 90.0	75.0 to 110.0	90.0 to 140.0	110.0 to 170.0
Waveguide Size	WR-22	WR-19	WR-15	WR-12	WR-10	WR-8	WR-6
Fixed Attenuation Value (dB, Typ.)	3, 6, 10, 20 and 30						
VSWR (Typical)	1.15:1						
Level Setting Value (dB, Typical)	0 to 30						

Contact factory for other attenuation values and specifications.

HOW TO ORDER:

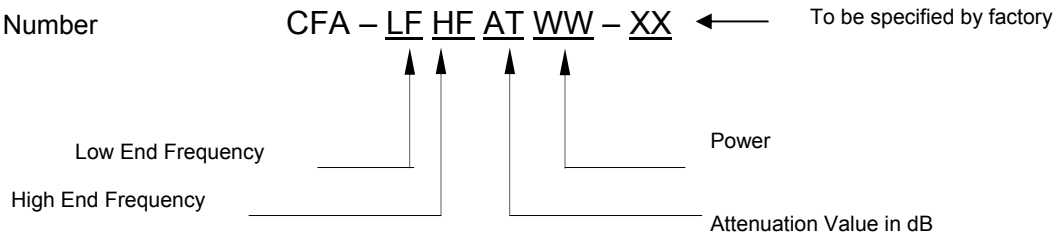
WAVEGUIDE:

Specify Model Number



COAXIAL:

Specify Model Number



Example: To order a full band WR-15 fixed attenuator with 20 dB attenuation level, specify CFA-15507520 .

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE