

Coaxial Fixed Attenuators



- ◇ DC-40GHz, up to 10kW
- ◇ Flatness Attenuation Value and Accuracy
- ◇ High Reliability, Repeatable Performance
- ◇ Anti-pulse and Anti-burnout
- ◇ Low IM3 Versions Available
- ◇ Custom Designs Available

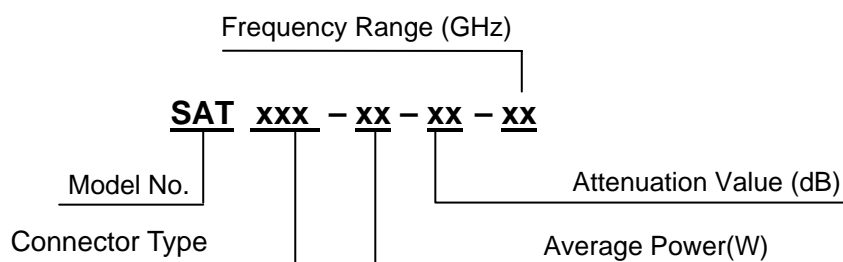
Description

Coaxial fixed attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

DTS serial coaxial fixed attenuators feature wide frequency band, low VSWR, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout etc.

In this section, you can find the coaxial attenuators with individual data sheets containing product description, specifications and outline drawings by a quick reference guide.

Order Information



Please confirm with us the main parameters of attenuators such as average power, attenuation value, frequency range, connector type and dimensions Type (if have any), or your special demand.

Coaxial Fixed Attenuators...2W-200W DC-40GHz

Model Number	Average Power (W)	Peak Power (KW)	Frequency Range (GHz)	Max VSWR	Nominal Attenuation Value(dB)	Connector Type	Pictures
SAT26B02XXXX	2	0.5	DC-18	1.15-1.35	1-9,10,20,30	TNC	
SAT26B02XXXX	2	0.5	DC-18	1.15-1.35	40,50,60,70,80,90	TNC	
SAT26B05XXXX	5	0.5	DC-18	1.15-1.35	1-9,10,20,30	TNC	
SAT26B05XXXX	5	0.5	DC-18	1.15-1.35	40,50,60,70,80,90	TNC	
SAT26B10XXXX	10	1	DC-18	1.15-1.35	1-9,10,20,30	TNC	
SAT26B10XXXX	10	1	DC-18	1.15-1.35	40,50,60,70,80,90	TNC	
SAT26B25XXXX	25	1	DC-18	1.15-1.35	10,20,30,40	TNC	
SAT26B50XXXX	50	1	DC-18	1.15-1.40	3,6,10,20,30,40	TNC	
SAT26B50XXXX	50	1	DC-18	1.15-1.30	10,20,30,40	TNC	
SAT26B100XXXX	100	1	DC-18	1.30-1.40	10,20,30,40	TNC	
SAT26B150XXXX	150	1	DC-18	1.30-1.45	10,20,30,40	TNC	
SAT26B200XXXX	200	1	DC-18	1.30-1.50	30,40	TNC	
SAT38A02XXXX	2	0.2	DC-40	1.25-1.35	1-9,10,20,30	2.4mm	
SAT38A05XXXX	5	0.2	DC-40	1.20-1.35	1-9,10,20,30	2.4mm	
SAT38A10XXXX	10	0.2	DC-40	1.30-1.40	10,20,30,40	2.4mm	
SAT38A20XXXX	20	0.2	DC-40	1.25-1.40	10,20,30,40	2.4mm	
SAT36A0.5XXXX	0.5	0.2	DC-40	1.25-1.35	1-10,10-20,20-30,40	2.92mm	
SAT36A01XXXX	1						
SAT36A02XXXX	2						
SAT36A05XXXX	5	0.2	DC-40	1.20-1.35	1-10,10-20,20-30,40	2.92mm	
SAT36A10XXXX	10	0.2	DC-40	1.25-1.40	10,20,30,40	2.92mm	

Coaxial Fixed Attenuators...2W-50W DC-40GHz

Model Number	Average Power(W)	Peak Power (KW)	Frequency Range(GHz)	Max VSWR	Nominal Attenuation Value(dB)	Connector Type	Pictures
SAT36A20XXXX	20	0.2	DC-40	1.30-1.40	10,20,30,40	2.92mm	
SAT36A30XXXX	30	0.2	DC-40	1.25-1.40	30	2.92mm	
SAT39A02XXXX	2	0.5	DC-26.5	1.15-1.25	1-10,10-20,20-30,40,50,60,70	3.5mm	
SAT39A05XXXX	5	0.5	DC-26.5	1.15-1.25	1-10,10-20,20-30,40,50,60,70	3.5mm	
SAT39A10XXXX	10	0.5	DC-26.5	1.15-1.25	1-10,20,30,40,50,60,70	3.5mm	
SAT39A25XXXX	25	0.5	DC-26.5	1.20-1.30	3,6,10,20,30,40	3.5mm	
SAT39A50XXXX	50	0.5	DC-26.5	1.20-1.30	3,6,10,20,30,40	3.5mm	
SAT17A02XXXX	2	0.2	DC-12.4	1.25-1.35	1-9,10,20,30	SSMA	
SAT62A02XXXX	2	0.5	DC-6	1.15-1.20	1-9,10,20,30	RPSMA	
SAT19A10XXXX	10	1	DC-12.4	1.15-1.40	10,20,30	BMA	
SAT30A02XXXX	2	0.5	DC-6	1.15-1.20	1-9,10,20,30	QMA	
SAT18A02XXXXS	2	0.5	DC-26.5	1.15-1.30	1-6,7-8,9-12	SMA(M,F)	
SAT18A02XXXX	2	0.5	DC-18	1.15-1.35	1-9,10,20,30	SMA(M,F)	
SAT18A02XXXXG	2	0.5	DC-18	1.15-1.30	1-9,10,20,30,40,50	SMA(M,F)	
SAT18A02XXXXG2	2	0.5	DC-26.5	1.15-1.35	1-9,10,20,30	SMA(M,F)	
SAT18A02XXXXKF	2	0.5	DC-26.5	1.15-1.35	1-9,10,20,30	SMA(F,F)	
SAT18A02XXXXGH	2	0.5	DC-26.5	1.15-1.40	30,40,50,60,70,80,90	SMA(M,F)	
SAT18A05XXXX	5	0.5	DC-26.5	1.15-1.35	3,6,10,20,30,40,50	SMA(M,F)	
SAT18A10XXXX	10	0.5	DC-26.5	1.15-1.35	3,6,10,20,30,40	SMA(M,F)	
SAT18A25XXXX	25	1	DC-26.5	1.20-1.35	10,20,30,40	SMA(M,F)	


















Coaxial Fixed Attenuators...2W-50W DC-26.5GHz

Model Number	Average Power(W)	Peak Power (KW)	Frequency Range(GHz)	Max VSWR	Nominal Attenuation Value(dB)	Connector Type	Pictures
SAT18A50XXXX	50	0.5	DC-26.5	1.20-1.30	10,20,30,40,50,60	SMA	
SAT27B02XXXX	2	0.5	DC-6	1.10-1.25	1-9,10,20,30,40	N	
SAT27B02XXXXG	2	0.5	DC-18	1.15-1.40	1-9,10,20,30,40,50	N	
SAT27B02XXXXGA	2	0.5	DC-18	1.10-1.30	1-9,10,20,30,40,50	N	
SAT27B02XXXXGH	2	0.5	DC-18	1.15-1.35	40,50,60,70,80,90	N	
SAT27B05XXXX	5	0.5	DC-6	1.10-1.25	1-9,10,20,30,40	N	
SAT27B05XXXXG	5	0.5	DC-18	1.15-1.40	1-9,10,20,30,40,50	N	
SAT27B05XXXXGA	5	0.5	DC-18	1.10-1.30	1-9,10,20,30,40,50	N	
SAT27B05XXXXGH	5	0.5	DC-18	1.15-1.35	40,50,60,70,80,90	N	
SAT27B10XXXX	10	1	DC-6	1.10-1.25	1-9,10,20,30,40	N	
SAT27B10XXXXG	10	1	DC-18	1.20-1.40	10,20,30,40	N	
SAT27B10XXXXGA	10	1	DC-18	1.15-1.30	1-9,10,20,30,40	N	
SAT27B10XXXXGH	10	1	DC-18	1.15-1.40	10,20,30,40,50,60	N	
SAT27B25XXXX	25	1	DC-6	1.10-1.25	1-9,10,20,30,40,50	N	
SAT27B25XXXXG	25	1	DC-18	1.20-1.40	10,20,30,40	N	
SAT27B25XXXXGC	25	1	DC-18	1.20-1.30	10,20,30,40,50,60,70	N	
SAT27B25XXXXGH	25	1	DC-18	1.20-1.40	10,20,30,40,50,60	N	
SAT27B30XXXX	30	1	DC-6	1.10-1.30	1-9,10,20,30,40	N	

Coaxial Fixed Attenuators... 30W-100W DC-18GHz

Model Number	Average Power(W)	Peak Power(KW)	Frequency Range(GHz)	Max VSWR	Nominal Attenuation Value(dB)	Connector Type	Pictures
SAT27B30XXXXGA	30	5	DC-6	1.10-1.20	3/6,10,20,30,40	N	
SAT27B30XXXXGB	30	5	DC-10	1.10-1.35	3/6,10,20,30,40	N	
SAT27B50XXXXA	50	10	DC-4	1.15-1.35	1-9,10,20,30,40	N	
SAT27B50XXXX	50	10	DC-4	1.15-1.35	1-9,10,20,30,40	N	
SAT27B50XXXXG	50	5	DC-10	1.10-1.35	3/6,10,20,30,40	N	
SAT27B50XXXXGHC	50	1	DC-18	1.15-1.35	3,6,10,20,30,40	N	
SAT27B50XXXXGHD	50	1	DC-18	1.20-1.30	10,20,30,40,50,60	N	
SAT27B50XXXXGH	50	1	DC-18	1.20-1.35	10,20,30,40	N	
SAT27B50XXXXS	50	5	DC-10	1.10-1.35	10,20,30,40	N	
SAT27B60XXXX	60	10	DC-4	1.15-1.35	1-9,10,20,30,40	N	
SAT27B60XXXXG	60	5	DC-10	1.10-1.35	3/6,10,20,30,40	N	
SAT27B80XXXX	80	10	DC-4	1.15-1.35	10,20,30,40	N	
SAT27B80XXXXG	80	1	DC-18	1.25-1.40	10,20,30,40	N	
SAT27B80XXXXW	80	5	DC-10	1.15-1.40	10,20,30,40	N	
SAT27B100XXXX	100	10	DC-4	1.15-1.35	10,20,30,40-50	N	
SAT27B100XXXXD	100	5	DC-4	1.25	30	N	
SAT27B100XXXXB	100	5	0.7-3	1.15-1.20	30,40	N	
SAT27B100XXXXG	100	1	DC-18	1.30-1.45	3,6,10,20,30,40,50	N	



Coaxial Fixed Attenuators... 100W-300W DC-18GHz

Model Number	Average Power(W)	PeakPower (KW)	Frequency Range(GHz)	Max VSWR	NominalAttenuationValue(dB)	Connector Type	Pictures
SAT27B100XXXXGA	100	1	DC-18	1.30-1.40	3,6,10,20,30,40,50	N	
SAT27B100XXXXGC	100	1	DC-18	1.20-1.40	3,6,10,20,30,40	N	
SAT27B100XXXXW	100	5	DC-10	1.15-1.50	3,6,10,20,30,40	N	
SAT27B100XXXXWC	100	5	DC-10	1.15-1.50	3,6,10,20,30,40	N	
SAT27B150XXXX	150	10	DC-4	1.15-1.40	10,20,30,40-50	N	
SAT27B150XXXXGF	150	1	DC-18	1.30-1.45	3,6,10,20,30,40,50	N	
SAT27B150XXXXGA	150	1	DC-18	1.25-1.45	3,6,10,20,30,40,50	N	
SAT27B150XXXXW	150	5	DC-10	1.15-1.50	3,6,10,20,30,40	N	
SAT27B200XXXX	200	10	DC-4	1.20-1.40	10,20,30,40-50	N	
SAT27B200XXXXW	200	5	DC-10	1.15-1.45	10,20,30,40	N	
SAT27B200XXXXGF	200	1	DC-18	1.25-1.50	10,20,30,40,50	N	
SAT27B250XXXX	250	10	DC-4	1.20-1.40	10,20,30,40-50	N	
SAT27B250XXXXB	250	5	DC-5	1.15	40	N	
SAT27B250XXXXW	250	5	DC-10	1.20-1.45	10,20,30,40	N	
SAT27B250XXXXWC	250	5	DC-10	1.20-1.45	10,20,30,40	N	
SAT27B250XXXXGF	250	1	DC-18	1.25-1.55	10,20,30,40,50	N	
SAT27B300XXXX	300	10	DC-4	1.20-1.50	10,20,30,40-50	N	
SAT27B300XXXXGHF	300	1	DC-18	1.20-1.55	30	N	





Coaxial Fixed Attenuators... 300W-4KW DC-13GHz

Model Number	Average Power(W)	PeakPower (KW)	Frequency Range(GHz)	Max VSWR	NominalAttenuationValue(dB)	Connector Type	Pictures
SAT27B300XXXXW	300	5	DC-10	1.25-1.45	30,40-50	N	
SAT27B350XXXXGF	350	1	DC-13	1.30-1.50	6,10,20,30,40	N	
SAT27B350XXXXGH	350	1	DC-4	1.30	30	N	
SAT27B400XXXX	400	10	DC-4	1.20-1.50	10,20,30,40,50	N	
SAT27B400XXXXW	400	4	DC-10	1.25-1.45	40,50	N	
SAT27B500XXXX	500	10	DC-4	1.20-1.50	10,20,30,40,50	N	
SAT27B500XXXXW	500	5	DC-10	1.25-1.45	30,40,50	N	
SAT27B800XXXX	800	10	DC-4	1.20-1.50	40,50,60	N	
SAT27B1000XXXXW	1000	5	DC-6	1.35	50	N	
SAT27B1000XXXXG SAT27B1500XXXXG SAT27B2000XXXXG	1000 1500 2000	10	DC-3	1.40	40,50	N	
SAT27B1000XXXX	1000	50	DC-2	1.20-1.30	30,40,50	N	
SAT27B2000XXXX	2000	50	DC-2	1.20-1.30	30,40,50	N	
SAT27B3000XXXX	3000	50	DC-2	1.30	30,40,50	N	
SAT27B4000XXXX	4000	100	DC-1	1.40	30,40,50	N	








Coaxial Fixed Attenuators... 5KW-10KW DC-1GHz

Model Number	Average Power(W)	PeakPower (KW)	Frequency Range(GHz)	Max VSWR	NominalAttenuationValue(dB)	Connector Type	Pictures
SAT28B5000XXXX	5000	100	DC-1	1.40	30,40,50	7/16	
SAT28B10000XXXX	10000	100	DC-1	1.40	30,40,50	7/16	










75 Ω Coaxial Fixed Attenuators... 1W-5W DC-3GHz

Model Number	Average Power(W)	PeakPower (KW)	Frequency Range(GHz)	Max VSWR	NominalAttenuationValue(dB)	Connector Type	Pictures
SAT32B01XXXXXK	1	0.5	0.1-1	1.15	10,20,30,40	F	
SAT32B01XXXX	1	0.5	DC-1	1.10	1/2/4/8,10,16,20	F	
SAT76B02XXXX	2	0.5	DC-3	1.15-1.25	10,20,30	N(75Ω)	
SAT76B05XXXX	5	0.5	DC-3	1.15-1.25	10,20,30	N(75Ω)	

Inset Attenuators... 50W-300W DC-18GHz

Model Number	Average Power(W)	PeakPower (KW)	Frequency Range(GHz)	Max VSWR	NominalAttenuationValue(dB)	Connector Type	Pictures
SAT27B50XXXXN	50	10	DC-4	1.25-1.35	3,6,10,20,30,40	N	
SAT27B100XXXXN	100	10	DC-4	1.25-1.40	3,6,10,20,30,40	N	
SAT27B300XXXXN	300	10	DC-4	1.25-1.40	3,6,10,20,30,40	N	
SAT27B50XXXXWN	50	5	DC-10	1.20-1.35	10,20,30	N	
SAT27B50XXXXGN	50	5	DC-18	1.20-1.40	10,20,30,40	N	
SAT27B100XXXXWN	100	5	DC-10	1.25-1.40	20,30,40	N	
SAT27B200XXXXWN	200.	5	DC-10	1.25-1.40	10,20,30,40	N	

Low PIM Attenuators...2W-300W DC-3GHz

Model Number	Average Power(W)	Peak Power(KW)	Frequency Range(GHz)	Max VSWR	IM3 Value(dBc)	Connector Type	Pictures
SAT27M02XX03LIM	2	0.5	DC-3	1.20	≤-125dBc	N	
SAT27M05XX03LIM	5	0.5	DC-3	1.20	≤-125dBc	N	
SAT27M10XX03LIM	10	1	DC-3	1.20	≤-125dBc	N	
SAT27M25XX03LIM	25	1	DC-3	1.20	≤-125dBc	N	
SAT27M50XX03LIM	50	10	DC-3	1.30	≤-120dBc	N	
SAT27M100XX03LIM	100	10	DC-3	1.30	≤-130dBc	N	
SAT27M100XX03NLIM	100	/	0.8-3	1.30	≤-150dBc	N.	
SAT27M200XX03LIM	200	/	0.8-3	1.30	≤-150dBc	N	
SAT28M200XX03LIM	200	/	0.8-3	1.25	≤-150dBc	7/16	
SAT27M300XX03LIM	300	/	0.8-3	1.30	≤-150dBc	N	