

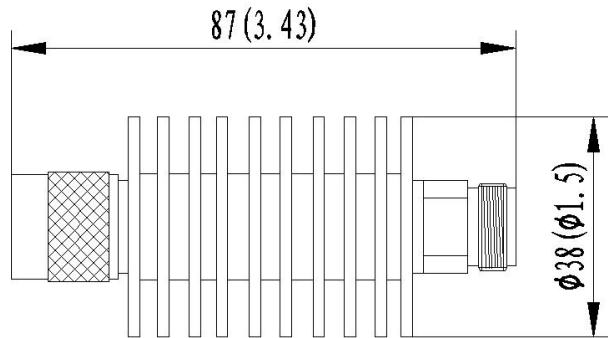
Fixed Attenuator

P/N: ATC003A00XA0

【OUTLINE】 mm(inch)

【Features】

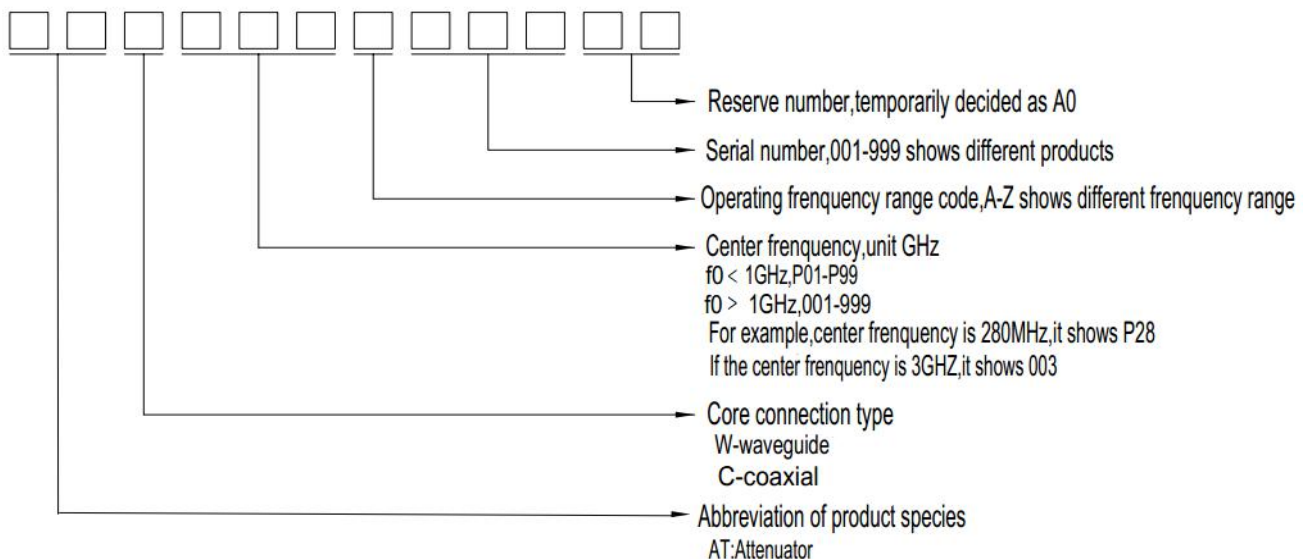
- ❖ Wide bandwidth
- ❖ Low VSWR
- ❖ Good flatness
- ❖ Compact size



【Specifications】

Model No.	ATC003A00XA0
Frequency Range	DC-6GHz
Attenuation Range	0-40 dB Selectable
Attenuation Accuracy	0-40dB ±1.8dB
VSWR	1.35Max
Impedance	50 Ω
Connector	N-M/F
Power Handling	10 W Avg.
Operating Temp.	-40~+70°C

【Model Number Description】





Model Number	Connectors	Frequency Range	Nominal Attenuation	VSWR	Description
ATC001A00XA0	SMA-m/f	2.5 GHz	0-10,12,15,20,30dB	1.15	General Purpose
ATC001A00XA1	SMA-m/m	2.5 GHz	0-10,12,15,20,30dB	1.15	General Purpose
ATC001A00XA2	SMA-f/f	2.5 GHz	0-10,12,15,20,30dB	1.15	General Purpose
ATC001A00XA3	SMA-m/f	2.5 GHz	0-10,12,15,20,30,40,50,60dB	1.15	General Purpose
ATC001A00XA4	SMA-m/m	2.5 GHz	0-10,12,15,20,30,40,50,60dB	1.15	General Purpose
ATC001A00XA5	SMA-f/f	2.5 GHz	0-10,12,15,20,30,40,50,60dB	1.15	General Purpose
ATC001A00XA6	SMA-m/f	2.5 GHz	0-10,12,15,20,30,40dB	1.15	General Purpose
ATC001A00XA7	SMA-m/m	2.5 GHz	0-10,12,15,20,30,40dB	1.15	General Purpose
ATC001A00XA8	SMA-f/f	2.5 GHz	0-10,12,15,20,30,40dB	1.15	General Purpose
ATC002A00XA0	SMA-m/f	4 GHz	0-10,12,15,20,30dB	1.15	General Purpose
ATC002A00XA1	SMA-m/m	4 GHz	0-10,12,15,20,30dB	1.15	General Purpose
ATC002A00XA2	SMA-f/f	4 GHz	0-10,12,15,20,30dB	1.15	General Purpose
ATC003A00XA0	SMA-m/f	6 GHz	0-10,12,15,20,30dB	1.20	General Purpose
ATC003A00XA1	SMA-m/m	6 GHz	0-10,12,15,20,30dB	1.20	General Purpose
ATC003A00XA2	SMA-m/f	6 GHz	0-10,12,15,20,30,40,50,60dB	1.20	General Purpose
ATC003A00XA3	SMA-m/m	6 GHz	0-10,12,15,20,30,40,50,60dB	1.20	General Purpose
ATC003A00XA4	SMA-f/f	6 GHz	0-10,12,15,20,30,40,50,60dB	1.20	General Purpose
ATC003A00XA5	SMA-m/f	6 GHz	0-10,12,15,20,30,40dB	1.20	General Purpose
ATC003A00XA6	SMA-m/m	6 GHz	0-10,12,15,20,30,40dB	1.20	General Purpose
ATC003A00XA7	SMA-f/f	6 GHz	0-10,12,15,20,30,40dB	1.20	General Purpose
ATC006A00XA0	SMA-m/f	12.4 GHz	0-10,12,15,20,30dB	1.25	General Purpose
ATC006A00XA1	SMA-m/m	12.4 GHz	0-10,12,15,20,30dB	1.25	General Purpose
ATC006A00XA2	SMA-f/f	12.4 GHz	0-10,12,15,20,30dB	1.25	General Purpose
ATC006A00XA3	SMA-m/f	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	General Purpose
ATC006A00XA4	SMA-m/m	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	General Purpose
ATC006A00XA5	SMA-f/f	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	General Purpose
ATC006A00XA6	SMA-m/f	12.4 GHz	0-10,12,15,20,30,40dB	1.25	General Purpose
ATC006A00XA7	SMA-m/m	12.4 GHz	0-10,12,15,20,30,40dB	1.25	General Purpose
ATC006A00XA8	SMA-f/f	12.4 GHz	0-10,12,15,20,30,40dB	1.25	General Purpose



Model Number	Connectors	Frequency Range	Nominal Attenuation	VSWR	Description
ATC009A00XA0	SMA-m/f	18 GHz	0-10,12,15,20,30dB	1.35	General Purpose
ATC009A00XA1	SMA-m/m	18 GHz	0-10,12,15,20,30dB	1.35	General Purpose
ATC009A00XA2	SMA-f/f	18 GHz	0-10,12,15,20,30dB	1.35	General Purpose
ATC009A00XA3	SMA-m/f	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	General Purpose
ATC009A00XA4	SMA-m/m	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	General Purpose
ATC009A00XA5	SMA-f/f	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	General Purpose
ATC009A00XA6	SMA-m/f	18 GHz	0-10,12,15,20,30,40dB	1.35	General Purpose
ATC009A00XA7	SMA-m/m	18 GHz	0-10,12,15,20,30,40dB	1.35	General Purpose
ATC009A00XA8	SMA-f/f	18 GHz	0-10,12,15,20,30,40dB	1.35	General Purpose
ATC012A00XA0	SMA-m/f	23 GHz	0-10,12,15,20,30dB	1.35	General Purpose
ATC012A00XA1	SMA-m/m	23 GHz	0-10,12,15,20,30dB	1.35	General Purpose
ATC012A00XA2	SMA-f/f	23 GHz	0-10,12,15,20,30dB	1.35	General Purpose
ATC013A00XA0	2.9mm-m/f	26.5 GHz	0,3,6,10,20,30dB	1.40	General Purpose
ATC013A00XA1	2.9mm-m/f	26.5 GHz	0,3,6,10,20,30dB	1.40	General Purpose
ATC020A00XA0	2.9mm-m/f	40 GHz	0,3,6,10,20,30dB	1.40	General Purpose
ATC020A00XA1	2.9mm-m/f	40 GHz	0,3,6,10,20,30dB	1.40	General Purpose
ATC020A00XA2	2.4mm-m/f	40 GHz	0,3,6,10,20,30dB	1.60	General Purpose
ATC025A00XA0	2.4mm-m/f	50 GHz	0,3,6,10,20,30dB	1.75	General Purpose
ATC001A00XA9	N-m/f	2.5 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC001A00XB0	N-m/m	2.5 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC001A00XB1	N-f/f	2.5 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC001A00XB2	N-m/f	2.5 GHz	0-10,12,15,20,30,40,50,60dB	1.15	
ATC001A00XB3	N-m/m	2.5 GHz	0-10,12,15,20,30,40,50,60dB	1.15	
ATC003A00XA8	N-m/f	6 GHz	0-10,12,15,20,30,40,50,60dB	1.20	
ATC003A00XA9	N-m/m	6 GHz	0-10,12,15,20,30,40,50,60dB	1.20	
ATC003A00XB0	N-f/f	6 GHz	0-10,12,15,20,30,40,50,60dB	1.20	
ATC006A00XA9	N-m/f	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC006A00XB0	N-m/m	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC006A00XB1	N-f/f	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	



Model Number	Connectors	Frequency Range	Nominal Attenuation	VSWR	Description
ATC009A00XA9	N-m/f	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	
ATC009A00XB0	N-m/m	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	
ATC009A00XB1	N-f/f	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	
ATC001B00XA0	BNC-m/f	2 GHz	0-10,12,15,20,30dB	1.20	
ATC002A00XA3	BNC-m/f	4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC002A00XA4	BNC-m/m	4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC002A00XA5	BNC-f/f	4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC002A00XA6	BNC-m/f	4 GHz	0-10,12,15,20,30dB	1.25	
ATC006A00XB2	BNC-m/f	12.4 GHz	3,6,10,20,30dB	1.35	
ATC002A00XA7	SMB-m/f	4 GHz	0-10,12,15,20,30dB	1.20	
ATC002A00XA8	SMB-m/m	4 GHz	0-10,12,15,20,30dB	1.20	
ATC002A00XA9	SMB-f/f	4 GHz	0-10,12,15,20,30dB	1.20	
ATC001A00XB4	TNC-m/f	2.5 GHz	0-10,12,15,20,30,40dB	1.25	
ATC003A00XB1	TNC-m/f	6 GHz	0-10,12,15,20,30,40dB	1.25	
ATC006A00XB3	TNC-m/f	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC006A00XB4	TNC-m/m	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC006A00XB5	TNC-f/f	12.4 GHz	0-10,12,15,20,30,40,50,60dB	1.25	
ATC006A00XB6	TNC-m/f	12.4 GHz	0-10,12,15,20,30,40dB	1.25	
ATC009A00XB2	TNC-m/f	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	
ATC009A00XB3	TNC-m/m	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	
ATC009A00XB4	TNC-f/f	18 GHz	0-10,12,15,20,30,40,50,60dB	1.35	
ATC009A00XB5	GPO-m/f	18 GHz	0-12,20,30dB	1.35	
ATC009A00XB6	GPO-m/m	18 GHz	0-12,20,30dB	1.35	
ATC009A00XB7	GPO-f/f	18 GHz	0-12,20,30dB	1.35	
ATC013A00XA2	GPO-m/f	26.5 GHz	0-12,20,30dB	1.45	
ATC013A00XA3	GPO-m/m	26.5 GHz	0-12,20,30dB	1.45	
ATC013A00XA4	GPO-f/f	26.5 GHz	0-12,20,30dB	1.45	
ATC009A00XB8	SMP-m/f	18 GHz	0-12,20,30dB	1.35	
ATC009A00XB9	SMP-m/m	18 GHz	0-12,20,30dB	1.35	



Model Number	Connectors	Frequency Range	Nominal Attenuation	VSWR	Description
ATC009A00XC0	SMP-m/m	18 GHz	0-12,20,30dB	1.35	
ATC009A00XC1	SMP-f/f	18 GHz	0-12,20,30dB	1.35	
ATC013A00XA5	SMP-m/f	26.5 GHz	0-12,20,30dB	1.45	
ATC013A00XA6	SMP-m/m	26.5 GHz	0-12,20,30dB	1.45	
ATC013A00XA7	SMP-f/f	26.5 GHz	0-12,20,30dB	1.45	
ATC002B00XA0	F-m/f	3 GHz	3,6,10,15,20,30dB	1.15	75 Ohm
ATC002B00XA1	F-m/m	3 GHz	3,6,10,15,20,30dB	1.15	75 Ohm
ATC002B00XA2	F-f/f	3 GHz	3,6,10,15,20,30dB	1.15	75 Ohm
ATC002A00XB0	BNC-m/f	4 GHz	0,3,6,10,20,30dB	1.35	75 Ohm
ATC002A00XB1	N-m/f	4 GHz	1,2,3,6,10,20,30dB	1.30	75 Ohm
ATCP50A001A0	BNC-m/f	1 GHz	5.7dB	1.20	50 to 75 Ohm
ATCP50A002A0	BNC-m/f	1 GHz	5.7dB	1.20	75 to 50 Ohm
ATCP05A001A0	BNC-m/f	0.1 GHz	7.2dB	1.10	50 to 93 Ohm
ATCP05A002A0	BNC-m/f	0.1 GHz	7.2dB	1.10	93 to 50 Ohm
ATC002B00XA3	SMA-m/F-f	3 GHz	5.7dB	1.25	50 to 75 Ohm
ATC002B00XA4	SMA-f/F-m	3 GHz	5.7dB	1.25	50 to 75 Ohm
ATC002B00XA5	SMA-m/F-m	3 GHz	5.7dB	1.25	50 to 75 Ohm
ATC002B00XA6	BNC-m/F-f	3 GHz	5.7dB	1.25	50 to 75 Ohm
ATC002B00XA7	N-f/F-m	3 GHz	5.7dB	1.25	50 to 75 Ohm
ATC002B00XA8	N-m/F-m	3 GHz	5.7dB	1.25	50 to 75 Ohm
ATC002B00XA9	TNC-m/F-f	3 GHz	5.7dB	1.25	50 to 75 Ohm
ATC001D00XA0	N-m/f	0.5-2 GHz	4,6,10,15,20,25dB	1.35	DC Bias Passing
ATC001D00XA1	SMA-m/f	0.5-2 GHz	4,6,10,15,20,25dB	1.35	DC Bias Passing
ATC001D00XA2	TNC-m/f	0.5-2 GHz	4,6,10,15,20,25dB	1.35	DC Bias Passing
ATC001D00XA3	F-m/f	0.5-2 GHz	3,4,6,7,8,9,10,11,20dB	1.45	DC Bias Passing,75Ω
ATC002C00XA0	N-m/f	0.05-3 GHz	3,4,6,10,15,20,25dB	1.35	DC Bias Passing
ATC002C00XA1	SMA-m/f	0.05-3 GHz	3,4,6,10,15,20,25dB	1.35	DC Bias Passing
ATC002C00XA2	TNC-m/f	0.05-3 GHz	3,4,6,10,15,20,25dB	1.45	DC Bias Passing
ATC001E00XA0	SMA-m/f	0.01-2 GHz	0-10,12,15,20dB	1.15	DC Blocking



Model Number	Connectors	Frequency Range	Nominal Attenuation	VSWR	Description
ATC001E00XA1	N-m/f	0.01-2 GHz	0-10,12,15,20dB	1.15	DC Blocking
ATC001E00XA2	N-f/f	0.01-2 GHz	0-10,12,15,20dB	1.15	DC Blocking
ATC001E00XA3	N-m/m	0.01-2 GHz	0-10,12,15,20dB	1.15	DC Blocking
ATC001E00XA4	TNC-m/f	0.01-2 GHz	0-10,12,15,20dB	1.15	DC Blocking
ATC001E00XA5	TNC-f/f	0.01-2 GHz	0-10,12,15,20dB	1.15	DC Blocking
ATC001E00XA6	TNC-m/m	0.01-2 GHz	0-10,12,15,20dB	1.15	DC Blocking
ATC001E00XA7	F-m/f	0.01-2 GHz	0-10,12,15,20dB	1.35	DC Blocking,75Ω
ATC009A00XC2	SMA-f/Pin	18 GHz	0-10,12,15,20dB	1.15	Flange Mount,4-Hole
ATC006A00XB7	SMA-f/Pin	12.4 GHz	0-10,12,15,20dB	1.25	Flange Mount,2-Hole
ATC002B00XB0	SMA-f/Pin	3 GHz	0-10,12,15,20dB	1.25	Flange Mount,4 Hole
ATC006A00XB8	SMA-f/Pin	12.4 GHz	0-10,12,15,20dB	1.25	Flange Mount,2 Hole
ATC009A00XC3	SMA-f/Pin	18 GHz	0-12dB	1.50	Flange Mount,4 Hole
ATC009A00XC4	SMA-f/Pin	18 GHz	0-12dB	1.50	Flange Mount,2 Hole
ATC009A00XC5	2.9-f/Pin	18 GHz	0-12dB	1.50	Flange Mount,4 Hole
ATC009A00XC6	2.9-f/Pin	18 GHz	0-12dB	1.50	Flange Mount,2 Hole
ATC009A00XC7	N-m/SMA-m	18 GHz	0-10,12,15,20dB	130	Adapting Between Series
ATC009A00XC8	N-m/SMA-f	18 GHz	0-10,12,15,20dB	1.30	Adapting Between Series
ATC006A00XB9	SMA	12.4 GHz	3,6,10,20dB		Calibrated
ATC009A00XC9	N	18 GHz	1,3,6,10,20,30dB		Calibrated
ATC006A00XC0	N	12.4 GHz	1,3,6,10,20,30dB		Calibrated
ATC009A00XD0	SMA	18 GHz	1,3,6,10,20,30dB		Calibrated
ATC006A00XC1	SMA	12.4 GHz	1,3,6,10,20,30dB		Calibrated
ATC012A00XA3	SMA	23 GHz	1,3,6,10,20,30dB		Calibrated
ATC012A00XA4	SMA	23 GHz	1,3,6,10,20,30dB		Calibrated
ATC013A00XA8	2.9mm	26.5 GHz	3,6,10,20dB		Calibrated
ATC013A00XA9	2.9mm	26.5 GHz	1,3,6,10,20,30dB		Calibrated
ATC020A00XA3	2.9mm	40 GHz	3,6,10,20dB		Calibrated
ATC020A00XA4	2.9mm	40 GHz	1,3,6,10,20,30dB		Calibrated
ATC020A00XA5	2.4mm	40 GHz	3,6,10,20dB		Calibrated



Model Number	Connectors	Frequency Range	Nominal Attenuation	VSWR	Description
ATC004A00XA0	7/16 DIN-f/f	7.5 GHz	0-12,15,20,30,40dB	1.45	Convection Cooled
ATC002A00XB2	SMA-m/f	4 GHz	0-12,15,20,30,40dB	1.15	Convection Cooled
ATC002A00XB3	SMA-m/m	4 GHz	0-12,15,20,30,40dB	1.15	Convection Cooled
ATC002A00XB4	SMA-f/f	4 GHz	0-12,15,20,30,40dB	1.15	Convection Cooled
ATC003A00XB2	SMA-m/f	6 GHz	0-12,15,20,30,40dB	1.20	Convection Cooled
ATC003A00XB3	SMA-m/m	6 GHz	0-12,15,20,30,40dB	1.20	Convection Cooled
ATC003A00XB4	SMA-f/f	6 GHz	0-12,15,20,30,40dB	1.20	Convection Cooled
ATC006A00XC2	SMA-m/f	12.4 GHz	0-10,12,15,20,30,40dB	1.25	Convection Cooled
ATC006A00XC3	SMA-m/m	12.4 GHz	0-10,12,15,20,30,40dB	1.25	Convection Cooled
ATC006A00XC4	SMA-f/f	12.4 GHz	0-10,12,15,20,30,40dB	1.25	Convection Cooled
ATC001A00XB5	7/16 DIN-m/f	2.5 GHz	0,3,6,10,20,30,40dB	1.25	Convection Cooled
ATC001A00XB6	7/16 DIN-m/m	2.5 GHz	0,3,6,10,20,30,40dB	1.25	Convection Cooled
ATC001A00XB7	7/16 DIN-f/f	2.5 GHz	0,3,6,10,20,30,40dB	1.25	Convection Cooled
ATC002A00XB5	7/16 DIN-m/f	4 GHz	0,3,6,10,20,30,40dB	1.25	Convection Cooled
ATC002A00XB6	7/16 DIN-m/m	4 GHz	0,3,6,10,20,30,40dB	1.25	Convection Cooled
ATC002A00XB7	7/16 DIN-f/f	4 GHz	0,3,6,10,20,30,40dB	1.25	Convection Cooled
ATC004A00XA1	7/16 DIN-m/f	7.5 GHz	0,3,6,10,20,30,40dB	1.45	Convection Cooled
ATC004A00XA2	7/16 DIN-m/m	7.5 GHz	0,3,6,10,20,30,40dB	1.45	Convection Cooled
ATC004A00XA3	7/16 DIN-f/f	7.5 GHz	0,3,6,10,20,30,40dB	1.45	Convection Cooled
ATC001C00XA0	TNC-m/f	1.5 GHz	3,6,10,20,30,40dB	1.20	Convection Cooled
ATC001C00XA1	TNC-m/m	1.5 GHz	3,6,10,20,30,40dB	1.20	Convection Cooled
ATC001C00XA2	TNC-f/f	1.5 GHz	3,6,10,20,30,40dB	1.20	Convection Cooled

Note: 1, All the above are technical indexes at normal temperature.

2, Above devices can be dedicated to the design according to customers' needs.

3, If you have other requirements or the table does not list of technical parameters ,please contact us.