

Attenuators

Type N, TNC, BNC, SMP

- 2 Watts
- DC - 26.5 GHz
- 1 - 60 dB
- Small Size
- Flat Response



General Specifications	
Impedance	50 ohms
Connectors	Type N, TNC, BNC, SMP to MIL-C-39012 AN06-xxBR Type N Plated Brass
Standard Configuration	Male Input/Female Output Single Sex Versions also available
Operating Temperature	-65 +125C (SMP -55 +85C) (AN06-xxBR -20 +85C)
Power Derating:	Linear to +125C

Model No.	Conn Type	Freq Range (GHz)	Standard Attenuation Values (dB)	Attenuation Accuracy (+/-dB)								VSWR max.	Average		Fig
				0-6 (dB)	7-12 (dB)	7-20 (dB)	13-20 (dB)	21-30 (dB)	31-40 (dB)	41-60 (dB)	Power 25C		(watts) 125C		
AN02-xx	N	DC-2.5	0-10, 12, 15, 20, 30, 40, 50, 60	0.3		0.5		0.75	1.5	1.5	1.25	2.0	0.5	1 & 2	
AN06-xx	N	DC-6.0	0-10, 12, 15, 20, 30, 40, 50, 60	0.3		0.5		0.75	1.5	1.5	1.20	2.0	0.5	1 & 2	
AN06-xxBR	N	DC-6.0	1-10, 12, 15, 20, 30 40	0.3		0.5		0.9	1.5		1.25	2.0	1.1 @+85C	1	
AN12-xx	N	DC-12.4	0-10, 12, 15, 20, 30, 40, 50, 60	0.3		0.5		0.75	1.5	1.5	1.25	2.0	0.5	1 & 2	
AN18-xx	N	DC-18.0	0-10, 12, 15, 20, 30, 40, 50, 60	0.3		0.5		0.75	1.5	1.5	1.35	2.0	0.5	1 & 2	
AT18-xx	TNC	DC-18.0	0-10, 12, 15, 20, 30, 40, 50, 60	0.3		0.5		0.75	1.5	1.5	1.35	2.0	0.5	3 & 4	
ANC04-xx	BNC	DC-4.0	0-10, 12, 15, 20, 30	0.3		0.5		0.75	-	-	1.25	2.0	0.5	5	
ASM18-xx	SMP	DC-18.0	0-13, 20, 30	0.4	0.6	0.6	0.8	0.80	-	-	1.35	2.0	0.5	6 & 7	
ASM26-xx	SMP	DC-26.5	0-4, 6, 10, 20, 30	0.6	0.8		1.2	1.20	-	-	1.45	2.0	0.5	6 & 7	

Options:

- For single sex versions use suffix "M" (Male) or "F" (Female) after model no.
- Dimensions are for Male/Female connectors. Please ask for size of single sex versions.

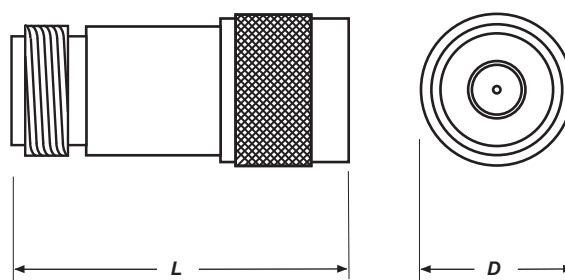
FIG	Conn Type	Atten. (dB)	Dimensions inches (mm)	
			Length L	Diameter D
1	N	0-30 & 40	1.76 (44.7)	0.62 (15.8)
2	N	31-60 (except 40dB)	2.04 (51.8)	0.62 (15.8)
3	TNC	0-30 & 40	2.07 (52.5)	0.56 (14.2)
4	TNC	31-60 (except 40dB)	2.35 (59.7)	0.56 (14.2)
5	BNC	0-30	1.36 (34.5)	0.50 (12.7)
6	SMP	0-12	0.61 (15.49)	0.25 (6.4)
7	SMP	13, 20, 30	0.74 (18.8)	0.25 (6.4)

Notes:

- (1) Attenuation values shown as 0-13dB are in 1dB increments.
- (2) Max. VSWR is shown at highest operating frequency, VSWR is lower at lower frequencies.
- (3) For complete part number add attenuation value in place of -xx, e.g. AN18-06 for 6dB.
- (4) For complete SMP part number add F for full detent (force to engage 15 lbs) or L for limited detent (force to engage 5 lbs). e.g. ASM18-03L for 3dB limited detent SMP Male/Female.

FEMALE CONNECTOR

MALE CONNECTOR



Outline is a typical illustration only,
for detailed outlines please consult factory

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.

Passive Components

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