Part No:







The HASCO Fixed Attenuator **HA18A-19** is rated to 2 Watts and operates from DC to 18GHz. The versatile coaxial package uses SMA male to SMA female connectors.

The HA18A-19 is RoHS compliant.



RF microwave attenuators (also known as RF pads) lower the amplitude of a signal (attenuate) a known amount and can be used in a wide variety of applications. These attenuator pads are used when a signal needs to be reduced to protect measurement equipment or other circuitry, to extend the range of power meters and amplifiers, and to impedance match circuits by reducing the VSWR seen by adjacent components. RF attenuators can prevent signal overload in amplifiers, receivers and detectors, adjusting the signal level to a range that is optimal.

19 dB - Fixed Attenuator SMA Male To SMA Female Up To 18 GHz Rated To 2 Watts with Passivated Stainless Steel Body

Electrical				
F D				
Frequency Range	DC - 18 GHz	**dB Value	PART NO.	ATTENUATION
• VSWR	DC - 4 GHz 1.15:1	0.5	HA18A-005	± 0.30
	4 - 8 GHz 1.20:1 8 - 12.4 GHz 1.25:1	1	HA18A-01	± 0.30
	8 - 12.4 GHz 1.25.1 12.4 - 18 GHz 1.35:1	2	HA18A-02	± 0.30
	12.1 10 0112	3	HA18A-03	± 0.30
Impedence	50 Ohms	4	HA18A-04	± 0.30
• Power	2 Watt	5	HA18A-05	± 0.30
TOWER	5 μSec Pulse, 0.05% Duty Cycle	6	HA18A-06	± 0.30
		7	HA18A-07	± 0.30
Power Peak	250 Watts	8	HA18A-08	± 0.30
_		9	HA18A-09	± 0.30
Environmental Da	ata	10	HA18A-10	± 0.50
T		11	HA18A-11	± 0.50
Temperature Range	-55°C - +85°C	12	HA18A-12	± 0.50
		13	HA18A-13	± 0.50
Material	14	HA18A-14	± 0.50	
• Body	Passivated Stainless Steel	15	HA18A-15	± 0.50
· Dody	rassivated Stairliess Steel	16	HA18A-16	± 0.50
• Hex-Nut	Passivated Stainless Steel	17	HA18A-17	± 0.50
Combon Combo at		18	HA18A-18	± 0.50
Center Contact	Gold Plated BeCu	19	HA18A-19	± 0.50
Housing	Passivated Stainless Stee	20	HA18A-20	± 0.50
5		25	HA18A-25	± 0.75
 Insulators 	PTFE, Virgin Electrical Grade	30	HA18A-06 I HA18A-07 I HA18A-08 I HA18A-09 I HA18A-09 I HA18A-10 I HA18A-11 I HA18A-12 I HA18A-13 I HA18A-14 I HA18A-15 I HA18A-16 I HA18A-17 I HA18A-18 I HA18A-19 I HA18A-20 I	± 0.75

To view online, go to: https://www.hasco-inc.com/attenuators/19-db-fixed-attenuator-sma-male-to-sma-female-up-to-18-ghz-rated-to-2-watts-with-passivated-stainless-steel-body/

HA18A-19 | DC - 18 GHz • 2 Watts | Outline Drawing

				1.02±.05			**dB Value	PART NO.	ATTENUATION
	[25.9±1.3]						0.5	HA18A-005	± 0.30
						1	HA18A-01	± 0.30	
						2	HA18A-02	± 0.30	
							3	HA18A-03	± 0.30
								HA18A-04	± 0.30
				HA18A	5	HA18A-05	± 0.30		
							6	HA18A-06	± 0.30
								HA18A-07	± 0.30
							8	HA18A-08	± 0.30
				SMA PLUG PER ·	MIL-STD-348		9	HA18A-09	± 0.30
				MIL-STD-348			10	HA18A-10	± 0.50
				\rightarrow	- MARKING SEE NOTE		11	HA18A-11	± 0.50
					SEE NUTE		12	HA18A-12	± 0.50
							13	HA18A-13	± 0.50
							14	HA18A-14	± 0.50
					mmm-		15	HA18A-15	± 0.50
						16	HA18A-16	± 0.50	
						17	HA18A-17	± 0.50	
						18	HA18A-18	± 0.50	
							19	HA18A-19	± 0.50
				.86±.05			20	HA18A-20	± 0.50
				[21.8±1.3] 0dB - 12 dB			25	HA18A-25	± 0.75
							30	HA18A-30	± 0.75
	To view online	e, go to: <u>ht</u>	tps://ww	w.hasco-inc.com/attenuators/19-db-fixed-attenuator	-sma-male-to-sma-female-	-up-to-18-ghz-rated-to-2-w	vatts-with-passiv	ated-stainless-st	eel-body/
LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: ABC CHECKED BY: ABC		5	214 Bonsai St	treet • Moorn	ark, CA 93021
-	RELEASE	12/16	TAC	APPROVED BY: ABC	сомрон	CO, INC (8)	888) 498-324. vww.hasco-in	2 • sales@has	
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	<u> </u>			WHOLE OR IN PART - AS THE BASIS FOR THE MAN- UFACTURE OR SALE OF OTHER ITEMS WITHOUT	SEE DATA SHEET	0T8L4	N/A		А
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	<u> </u>	1		COMPONENTS.	FINISHES:	11440	10		_
					SEE DATA SHEET HA18		SA-19	4-19	
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