

Fixed Attenuators

DC to 2000 MHz



HAT-SERIES



FF747

Features

- excellent VSWR, 1.1:1 typ.
- excellent flatness, 0.4 dB typ. to 2000 MHz
- useable to 4000 MHz

Applications

- PCS
- instrumentation
- cellular

Electrical Specifications

MODEL NO.	FREQUENCY RANGE (MHz) $f_L - f_U$	ATTENUATION (dB)				VSWR (-1) Max.			POWER [†] (mW)	CASE STYLE	PRICE \$
		FLATNESS, Max.				L	M	U			
		Nom.	L	M	U	L	M	U			Qty. (1-9)
HAT-1	DC-2000	1±0.2	0.3	0.5	0.7	1.2	1.3	1.4	500	FF747	9.95
HAT-2	DC-2000	2±0.2	0.3	0.5	0.7	1.2	1.3	1.4	500	FF747	9.95
HAT-3	DC-2000	3±0.2	0.3	0.5	0.8	1.2	1.2	1.3	500	FF747	9.95
HAT-4	DC-2000	4±0.2	0.3	0.5	0.7	1.2	1.2	1.3	500	FF747	9.95
HAT-5	DC-2000	5±0.2	0.3	0.5	0.7	1.2	1.2	1.3	500	FF747	9.95
HAT-6	DC-2000	6±0.2	0.3	0.4	0.4	1.2	1.2	1.3	500	FF747	9.95
HAT-7	DC-2000	7±0.2	0.3	0.4	0.6	1.2	1.2	1.2	500	FF747	9.95
HAT-8	DC-2000	8±0.2	0.3	0.5	0.6	1.2	1.2	1.2	500	FF747	9.95
HAT-9	DC-2000	9±0.2	0.3	0.3	0.5	1.2	1.2	1.3	500	FF747	9.95
HAT-10	DC-2000	10±0.2	0.4	0.4	0.6	1.2	1.3	1.4	500	FF747	9.95
HAT-12	DC-2000	12±0.2	0.3	0.4	0.4	1.2	1.2	1.3	500	FF747	9.95
HAT-15	DC-2000	15±0.2	0.3	0.3	0.5	1.2	1.2	1.3	500	FF747	9.95
HAT-20	DC-2000	20±0.2	0.3	0.5	1.0	1.2	1.2	1.3	500	FF747	9.95
HAT-30	DC-2000	30±0.2	0.3	0.8	1.3	1.2	1.2	1.3	500	FF747	9.95

[†] 0.5 Watt at 70°C ambient, derate linearly .025 W/°C above 70°C.

L = DC - 500 MHz

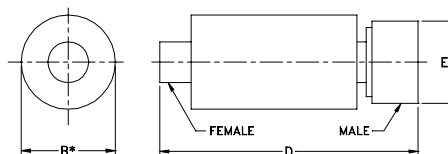
M = DC - 1000 MHz

U = DC - f_U

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Connectors:	BNC type male-BNC type female

Outline Drawing



designers kits available

KIT No.	No. of Units in KIT	Description	Price \$ per KIT
K1-HAT	5	1 of each: HAT-3,6,10,20,30	48.95
K2-HAT	10	1 of each: HAT-1,2,3,4,5,6,7,8,9,10	97.95
K3-HAT	6	2 of each: HAT-3,6,10	58.95

Outline Dimensions (inch mm)

A	B	C	D	E	WT GRAMS
—	.620	—	1.94	—	30.0
—	(15.75)	—	(49.20)	—	

REV. B
M78179
HAT-1 EDR-5087/13
HAT-2 EDR-5087/4
HAT-3 EDR-5087
HAT-4 EDR-5087/5
HAT-5 EDR-5087/6
HAT-6 EDR-5087/14
HAT-7 EDR-5087/7
HAT-8 EDR-5087/8
HAT-9 EDR-5087/9
HAT-10 EDR-5087/15
HAT-12 EDR-5087/10
HAT-15 EDR-5087/11
HAT-20 EDR-5087/3
HAT-30 EDR-5087/12
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