



Model HPMC 002A

30-500 MHz, 8 Way, High Performance Multicoupler



The HPMC002A, is a V/UHF 8 way multi-coupler. It offers a low cost, high performance solution for coupling up to 8 V/UHF receivers to a single antenna. Using a high dynamic range amplifier exceptional linearity performance is achieved. The unit is provided in machined natural finish aluminium housing. Mounting behind a 1U panel is suggested alternatively it could be wall mounted. Health monitoring is provided. Local LED indicates 'STATUS', an opto-coupler output allows remote indication of 'STATUS'.

SPECIFICATIONS

Parameter	Limit
Frequency	30 – 500 MHz
Gain	1.0 dB nominal
Gain Variation	+/- 1 dB max
Noise Figure	6.5 dB max
Number of Inputs	1
Number of Outputs	8
Output Intercept OPIP	3rd Order > +22dBm 2nd order > +35dBm min
P1dB	> +3dBm
VSWR input 50 Ohm	1.5:1 max. (Return Loss >14 dB)
VSWR output 50 Ohm	1.3:1 max. (Return Loss >14 dB)
Isolation - Output to output Output to input	>20dB min (typically >23dB) >22dB min
Max. input signal CW	+20dBm cont
Power	15-24V DC <0.1A. (Internally regulated)
Connectors	RF BNC female sockets power DC connector is Molex , Mini fit Jr.
Dimensions	Approx 8" x 3" x 1" (excludes BNC)
Temp range	operating: -10C to +55C storage: -20C to +70C

(HPMC 002A)

AEROCOMM Co.,Ltd • 89 & 89/1 Intamara41, Sutthisarn Road, Dindaeng, Bangkok 10400 THAILAND

Email : aerocomm@aerocommthailand.com • Web : www.aerocommthailand.com

Tel : (662) 6938300-2, (662) 6937880-1 • Fax : (662) 6938304

Specifications contained herein are subject to change without notice. AeroComm Co., Ltd. assumes no liability for the use of this information.