

The HPMC-006A, is a 20MHz -3,000MHz, 8 way multi-coupler. It is a solution for coupling up to 8 wideband receivers to a single antenna. Using current state of the art components, exceptional linearity and low noise performance is achieved, resulting in a high dynamic range unit. The unit is provided in a 19" 1U high rack mounted case. Health monitoring is provided. Local LED indicates 'STATUS', an opto-coupler output allows remote indication of 'STATUS'. Lighting protection is incorporated.



Specification:

Parameter

Limits

Freq:	20 – 3000MHz
Gain (Ave.):	1 +/- 1dB nominal
Gain Variation:	+/- 2dBmax
Noise Figure:	9dB max.
Number of inputs:	1
Number of outputs:	8
Output Intercept (OPIP):-	3rd order > +15dBm 2nd order > +32dBm min
VSWR input 50 Ohm:	2.0:1 max. (Return Loss >10dB)
VSWR output 50 Ohm:	2.0:1 max. (Return Loss >10dB)
Isolation - Output to output:	>15dB min
Output to input:	>28dB min
Max. input signal CW	+10dBm cont.
Power:	OPT1. Mains 115/230V, set internally, max power 10W OPT2. DC 24V.

