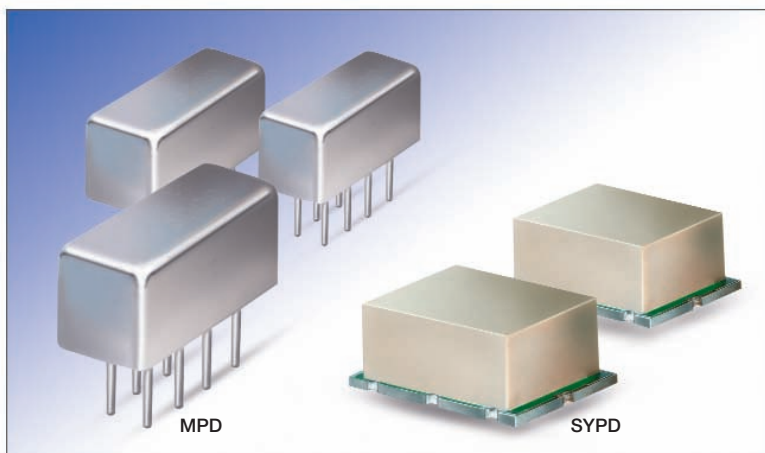


MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
 THE SOLUTION!



1 to 400MHz

MPD Features

- Wideband, 50Ω
- Input pwr. 50mW max.
- Low DC offset
- High DC output
- High isolation
- Welded metal case
- Hermetically sealed
- Shielded plug-in pkg.

SYPD Features

- Wideband, 50Ω
- Input pwr. 50mW max.
- Low DC offset
- High DC output
- High isolation
- Rugged plastic case
- Miniature SM pkg.
 (L)0.50" x (W)0.38" x (H)0.15"

\$97²⁰
 only ea. kit (5 models, 1 of each, 5 total)

Kit K-PD Electrical specifications of each model

Model	Frequency (MHz)		Power (mW)		Scale Factor (mV/deg.)	Impedance (ohms)	Isolation (dB)	Output Polarity	DC Output* (mV) Of				Figure Merit Typ.
	RF1	I	RF1	RF2					Max. Typ.	Offset Typ.	Max. Typ.	Min. Typ.	
Plug-In													
MPD-1+	1-100	DC-50	7	8	500	40	neg.	1000	700	0.2	1	143	
MPD-2+	10-200	DC-50	7	8	500	40	neg.	1000	700	0.3	1	143	
MPD-21+	50-400	DC-50	7	7	500	40**	neg.	800	500	0.5	1	120	
Surface Mount													
SYPD-1+	1-100	DC-50	7	8	500	40	neg.	1000	700	0.2	1	143	
SYPD-2+	10-200	DC-50	7	8	500	40	neg.	1000	700	0.3	1	143	

*MPD-1+: DC output decreases to 550mV over 1-10MHz as temperature decreases to -55°C.

**MPD-21+: 30dB from 200 to 400MHz.

Mini-Circuits®
 ISO 9001 ISO 14001 CERTIFIED

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For quick access to product information see MINI-CIRCUITS CATALOG & WEB SITE

RF/IF MICROWAVE COMPONENTS