



# Planar Monolithics Industries, Inc.

## Coaxial Monopulse Comparators

PMI designs and manufactures a variety of Coaxial Monopulse Comparators for beamforming antenna applications up to 21.2 GHz. Form, fit and functional designs can also be replicated to specific requirements. Standard models with various options are available at PMI's website:

[http://pmi-rf.com/Products/monopulse\\_comparators/features.htm](http://pmi-rf.com/Products/monopulse_comparators/features.htm)



MPC-20R2G21R2G-CD-LNF



PMC-24-7D5-SFF



PMC-3G3D5G-6D8-SFF



PMC-33D7-6D8-SFF

PMI Model No.	Frequency Range (GHz)	Gain (dB)	Noise Temperature	Phase Balance	Amplitude Balance (dB)	Size (Inches) Connectors
<b>MPC-20R2G21R2G-CD-LNF</b> <a href="https://www.pmi-rf.com/product-details/mpc-20r2g21r2g-cd-lnf">https://www.pmi-rf.com/product-details/mpc-20r2g21r2g-cd-lnf</a>	20.2 - 21.2	0 to +10	100 K	±3°	±0.3	6.25" x Ø4.8" x 2.0" SMA (F)
PMI Model No.	Frequency Range (GHz)	Insertion Loss (dB)	Isolation (dB)	Phase Balance	Amplitude Balance (dB)	Size (Inches) Connectors
<b>PMC-24-7D5-SFF</b> <a href="https://www.pmi-rf.com/product-details/PMC-24-7d5-sff">https://www.pmi-rf.com/product-details/PMC-24-7d5-sff</a>	2 - 4	0.8 - 7.5	18	±10°	±1.0	3.23" x 3.23" x 0.43" SMA (F)
<b>PMC-3G3D5G-6D8-SFF</b> <a href="https://www.pmi-rf.com/product-details/PMC-3g3d5g-6d8-sff">https://www.pmi-rf.com/product-details/PMC-3g3d5g-6d8-sff</a>	3 - 3.5	0.8 - 6.8	23	±5°	±0.4	3.23" x 3.23" x 0.43" SMA (F)
<b>PMC-33D7-6D8-SFF</b> <a href="https://www.pmi-rf.com/product-details/PMC-33d7-6d8-sff">https://www.pmi-rf.com/product-details/PMC-33d7-6d8-sff</a>	3 - 3.7	0.8 - 6.8	24	±7°	±0.5	3.23" x 3.23" x 0.43" SMA (F)
<b>PMC-9G10G-7D9-SFF</b> <a href="https://www.pmi-rf.com/product-details/PMC-9g10g-7d9-sff">https://www.pmi-rf.com/product-details/PMC-9g10g-7d9-sff</a>	9 - 10	1.9 - 7.9	18	±6°	±0.6	3.48" x 3.48" x 0.43" SMA (F)
<b>PD-CD-001-1</b> <a href="https://www.pmi-rf.com/product-details/pd-cd-001-1">https://www.pmi-rf.com/product-details/pd-cd-001-1</a>	9.3 - 9.9	8.0	30	±7°	±0.5	2.35" x 1.7" x 0.5" SMA (F)
<b>PMC-9D5G10D1G-7D6-SFF</b> <a href="https://www.pmi-rf.com/product-details/PMC-9d5g10d1g-7d6-sff">https://www.pmi-rf.com/product-details/PMC-9d5g10d1g-7d6-sff</a>	9.5 - 10.1	7.6	20	±5°	±0.5°	3.48" x 3.48" x 0.43" SMA (F)



PMC-9G10G-7D9-SFF



PD-CD-001-1



PMC-9D5G10D1G-7D6-SFF



Dixie Crow Symposium 45 - 2020  
Museum of Aviation at Robins AFB, Georgia  
March 23 to 25, 2020  
Booth #: TBD  
<https://www.pmi-rf.com/events/dixie-crow-symposium-45-2020>



Santiago International Airport, Pudahuel, Diego Barros Ortiz  
2300, Santiago, Pudahuel, Región Metropolitana  
March 31 to April 5, 2020  
Booth #: Hall C Stand C54  
<https://www.kallman.com/shows/fidae-2020>

**West Coast Operation:**  
4921 Robert J. Mathews Pkwy, Suite 1  
El Dorado Hills, CA 95762 USA  
Tel: 916-542-1401, Fax: 916-265-2597

**East Coast Operation:**  
7311-F Grove Road  
Frederick, MD 21704 USA  
Tel: 301-662-5019, Fax: 301-662-1731

[sales@pmi-rf.com](mailto:sales@pmi-rf.com) • [www.pmi-rf.com](http://www.pmi-rf.com)  
ISO9001-2015 REGISTERED



- Amplifiers - Solid State
- Attenuators - Variable/Programmable
- Bi-Phase Modulators
- Couplers (Quadrature, 180, Directional)
- Detectors - RF / Microwave
- DLVAs, ERDLVAs & SDLVAs
- Filters & Switched Filter Banks
- Form, Fit, Functional Products & Services
- Frequency Converters
- Frequency Sources
- Frequency Discriminators & IFM
- Frequency Synthesizers
- Gain & Loss Equalizers
- Integrated MIC/MMIC Assemblies (IMAs)
- IQ Vector Modulators
- Limiters - RF / Microwave
- Log Amps
- Miscellaneous Products
- Monopulse Comparators
- Multifunction Integrated Assemblies (IMAs)
- Phase Shifters & Bi-Phase Modulators
- Power Dividers/Combiners (Passive & Active)
- Pulse Modulators - SP1T
- Rack & Chassis Mount Products
- Receiver Front Ends & Transceivers
- Single Side Band Modulators
- SMT & QFN Products
- Switch Matrices
- Switch Filter Banks
- Switches - Solid-State
- Systems - Radar Sense & Avoid
- Systems - Fly Eye Radar
- Threshold Detectors
- USB Products