

## Cavity Directional Couplers

- Frequency Range 0.35 to 3.5GHz.
- Military, Space and Commercial Applications, Meet RoHS Standard.
- Good temperature behavior ,High aseismatic capability.
- Custom Design Available Upon Request.



Part Number	Freq.Range (MHz)	Coupling/Nominal Input $\longleftrightarrow$ P2(dB)	Inband Ripple (dB)	Insertion Loss Max.(dB)	VSWR Max.	Directivity Min.(dB)	Power (W)	Size LxWxH (mm)	Connector Type	Temp. Range (°C)
DPVCP03527A5	350-2700	-5	$\pm 0.8$	2.1	1.25	20	200	230x43x18	N	-25~+75
DPVCP03527A6		-6	$\pm 0.8$	1.6	1.25					
DPVCP03527A7		-7	$\pm 0.8$	1.5	1.25					
DPVCP03527A8		-8	$\pm 0.8$	1.2	1.25					
DPVCP03527A10		-10	$\pm 1.0$	0.8	1.25					
DPVCP03527A15		-15	$\pm 1.0$	0.4	1.25					
DPVCP03527A20		-20	$\pm 1.0$	0.22	1.25					
DPVCP04786A5	470-860	-5	$\pm 0.5$	2.0	1.2	20	200	144x43x18	N	-25~+75
DPVCP04786A7		-7	$\pm 0.6$	1.3	1.2					
DPVCP04786A10		-10	$\pm 0.8$	0.8	1.2					
DPVCP0727A5	700-2700	-5	$\pm 0.8$	2.1	1.25	20	200	119x42x18	N	-25~+75
DPVCP0727A6		-6	$\pm 0.8$	1.6	1.25					
DPVCP0727A7		-7	$\pm 0.8$	1.5	1.25					
DPVCP0727A8		-8	$\pm 0.8$	1.2	1.25					
DPVCP0727A10		-10	$\pm 1.0$	0.8	1.25					
DPVCP0727A15		-15	$\pm 1.0$	0.4	1.25					
DPVCP0727A20		-20	$\pm 1.0$	0.22	1.25					

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DPVCP0735A5	700-3500	-5	$\pm 0.8$	2.1	1.25	20	200	134x42x18	N	-25~+75
DPVCP0735A6		-6	$\pm 0.8$	1.6	1.25					
DPVCP0735A7		-7	$\pm 0.8$	1.5	1.25					
DPVCP0735A8		-8	$\pm 0.8$	1.2	1.25					
DPVCP0735A10		-10	$\pm 1.0$	0.8	1.25					
DPVCP0735A15		-15	$\pm 1.0$	0.4	1.25					
DPVCP0735A20		-20	$\pm 1.0$	0.22	1.25					
DPVCP0825A5	800-2500	-5	$\pm 0.6$	2.0	1.2	20	200	119x42x18	N	-25~+75
DPVCP0825A6		-6	$\pm 0.6$	1.6	1.2					
DPVCP0825A7		-7	$\pm 0.6$	1.5	1.2					
DPVCP0825A8		-8	$\pm 0.6$	1.2	1.2					
DPVCP0825A10		-10	$\pm 0.8$	0.8	1.2					
DPVCP0825A15		-15	$\pm 0.8$	0.4	1.2					
DPVCP0825A20		-20	$\pm 0.8$	0.22	1.2					
DPVCP0825A30		-30	$\pm 1.5$	0.2	1.2					
DPVCP0825A40		-40	$\pm 2.0$	0.2	1.2					
DPVCP0827A5	800-2700	-5	$\pm 0.8$	2.1	1.2	20	200	134x42x18	N	-25~+75
DPVCP0827A6		-6	$\pm 0.8$	1.6	1.2					
DPVCP0827A7		-7	$\pm 0.8$	1.5	1.2					
DPVCP0827A8		-8	$\pm 0.8$	1.2	1.2					
DPVCP0827A10		-10	$\pm 1.0$	0.8	1.2					
DPVCP0827A15		-15	$\pm 1.0$	0.4	1.2					
DPVCP0827A20		-20	$\pm 1.0$	0.22	1.2					