



Advanced Control Components designs custom digital phase shifters with high performance and compact size. They are available with frequency ranges up to 18GHz and 10-bit resolution. Detailed specifications are available at our website [www.advanced-control.com](http://www.advanced-control.com), by request from the factory or your local sales representative. Contact the factory for custom designs and applications.

**Notes:**

All digital phase shifters are TTL compatible.

All models are available with hermetic seal and high-rel screening.

Part Number	Frequency Range	LSB	# of Bits	Notes
ACPS-A600	30 MHz	1.4°	8	BLIND-MATE CONNECTORS
ACPS-A642	30 MHz	1.4°	8	
ACPS-A650	60 MHz	1.4°	8	
ACPS-A616	140 - 180 MHz	1.4°	8	
ACPS-A655	380 - 385 MHz	1.4°	8	
ACPS-A651	250 - 500 MHz	1.4°	8	
ACPS-A652	1.26 GHz	1.4°	8	
ACPS-A653	1.26 GHz	0.3°	10	
ACPS-A640	2.0 - 2.4 GHz	1.4°	8	
ACPS-A663	2.4 - 2.5 GHz	22.5°	4	10W CW
ACPS-A643	2.6 GHz	45°	3	
ACPS-A611	2.5 - 2.75 GHz	0.7°	9	
ACHX-A309	2.856 GHz	180°	1	BI-PHASE MODULATOR
ACPS-A634	2.7 - 2.9 GHz	5.6°	6	
ACPS-A635	2.7 - 2.9 GHz	1.4°	8	
ACPS-A629	3 +/-0.25 GHz	22.5°	4	
ACPS-A648	3.1 - 3.5 GHz	180°	1	BI-PHASE MODULATOR
ACPS-A641	4.4 - 5.1 GHz	180°	1	BI-PHASE MODULATOR
ACPS-A666	7.8 - 8.5 GHz	0.7°	9	
ACPS-A654	10 GHz	45°	3	
ACPS-A644	10.0 - 10.5 GHz	22.5°	4	
ACPS-A625	10.5 - 11.5 GHz	22.5°	4	

DPS-0303B