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Digitally Controlled PIN Diode 360 Degree Phase Shifter

Model **P2P-68T-5JS** is a Digitally Controlled PIN Diode 360 Degree Phase Shifter that operates from 6.0-18.0 GHz in 0.088 monotonic dB steps. Across the entire band, Phase Accuracy is +/-10 Degrees and Amplitude Balance is +/-1.0 dB. V.S.W.R. is less than 1.9:1 with an Insertion Loss of less than 12.0 dB. It can accommodate a Handling Power of +15 dBm CW or 1.0 Watt maximum. The Operating Temperature Range is extended from -55 to +85°C with a temperature coefficient of +/- 0.17 Degrees / Deg. C. This unit is controlled via 12 BITS of TTL compatible binary logic and switches in less than 500 ns. The package size is 3.00 x 3.00 x 0.96 Inches. For more information please visit <http://www.gtmicrowave.com>.