

MODEL D358PS**30 GHz, 8 Way Power Divider/ Combiner****TECHNICAL BULLETIN****Description**

The Model D358PS 8 way divider features phase matched performance and Type K connectors for operation over a minimum frequency range of 29.5 to 30.5 GHz.

The unit is designed as a Wilkinson divider in microstrip, and is constructed in a channeled housing to provide high isolation between ports. Other custom frequency ranges up to 40 GHz and other configurations are available upon request.

SPECIFICATIONS

Frequency range:	29.5-30.5 GHz, Min.
VSWR, any port:	1.5: 1 Typical
Input power:	100mW
Insertion loss:	2.0 dB Max.
Phase balance:	+/-5 degrees, Max.
Output isolation:	17 dB Min.
Connectors:	Type K, Fem.
Operating temperature:	-45 to +85 degrees C

