

### Product Overview

As part of their Directional Coupler product range Phase 2 Microwaves Ltd offer a range of standard coaxial 3dB 90 Degree Hybrid Couplers in SMA & 2.92mm configurations covering bands from 0.4 to 40GHz.

These couplers offer cost effective solutions to many industry requirements.

In addition to these standard Couplers Phase 2 Microwave Ltd can also offer bespoke designs optimised to meet customer particular requirements.

To discuss these requirements in more detail contact

[sales@phase2mw.co.uk](mailto:sales@phase2mw.co.uk)



## Key Specification

Model Number	007539
Operating Frequency	4 - 8GHz
Coupling	3dB
Amplitude Tracking	+/-0.7dB
Phase Tracking	+/-4 Degrees
Insertion Loss	< 1.5dB
VSWR	<1.3:1
Isolation	>18dB
Forward Power Handling	50W
Connectors	SMA Female

## Environmental

Temperature Range	-35 to +85 Degrees C
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## Mechanical

Housing Material	Aluminium
Interface Control Drawing	007539-ICD
RoHS	Compliant

Note: All information is correct at date of issue. Specifications are subject to change without notice  
Revision: 01

