

### Product Overview

Phase 2 Microwaves Ltd offers a range of standard coaxial Directional Couplers in N Type, SMA & 2.92mm configurations covering bands from 2 to 40GHz.

These Directional 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        | 007529                       |
| Operating Frequency | 0.5 - 20GHz                  |
| Coupling            | 30dB +/-1dB                  |
| Insertion Loss      | < 1.5dB (Inc. coupling loss) |
| VSWR                | <1.4:1                       |
| Directivity         | >10dB                        |
| Power Handling      | 50W                          |
| Connectors          | SMA Female                   |

## Environmental

|                   |                      |
|-------------------|----------------------|
| Temperature Range | -40 to +85 Degrees C |
|-------------------|----------------------|

## Mechanical

|                           |            |
|---------------------------|------------|
| Housing Material          | Aluminium  |
| Interface Control Drawing | 007529-ICD |
| RoHS                      | Compliant  |

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

