

# High Power Directional Coupler

## Model D30H007060 Rev.A

0.7-6GHz 30dB Directional Coupler, Coaxial connector



All specifications are subject to change without notice at any time

Electrical & Mechanical Specifications

|                             |   |                     |
|-----------------------------|---|---------------------|
| Frequency Range             | GHz   | 0.7-6               |
| Main Line VSWR              | :1 (Max.)   | 1.3                 |
| Coupling VSWR               | :1 (Max.)   | 1.3                 |
| Insertion Loss <sup>1</sup> | dB(Max.)  | 0.5                 |
| Coupling                    | dB(Max.)  | 30±0.7              |
| Flatness                    | dB(Max.)  | ±0.9                |
| Directivity                 | dB(Min.)  | 15                  |
| Power <sup>2</sup>          | W(Max.)   | CW: 600; Peak: 3000 |
| Weight                      | g(Max.)   | 520                 |
|                             | Dimension <sup>3</sup> mm(Max.)   | 144.3L×30W×43.4H    |
| Interface                   | Stainless steel connector; Input: TYPE N[F], Thru.: TYPE N[F], Coup: SMA [F]          |                     |
| Finishing                   | Nickel plating  |                     |
| Temperature                 | Operating: -55--+85°C; Storage: -55--+100°C   |                     |
| Environmental               | Per MIL-STD-202F, Method 107D,204D,213B (optional, contact supplier for detail info.) |                     |
| Customized                  | N/A   |                     |

Note: 1. Theoretical coupling loss included 2. Power rating is for load VSWR better than 1.20:1  
3. Unless otherwise specified, Decimal tolerance: 1 place±0.5 2 place±0.52

Outline Drawing

