

High Power Directional Coupler

Model D30HL005080 Rev.A

0.5-8GHz 30dB Directional Coupler; Coaxial connector;



All specifications are subject to change without notice at any time

Electrical & Mechanical Specifications

| | | |
|-----------------------------|---|---------------------|
| Frequency Range | GHz | 0.5-8 |
| Main Line VSWR | :1 (Max.) | 1.4 |
| Coupling VSWR | :1 (Max.) | 1.4 |
| Insertion Loss ¹ | dB(Max.) | 0.7 |
| Coupling | dB(Max.) | 30±0.8 |
| Flatness | dB(Max.) | ±1.1 |
| Directivity | dB(Min.) | 14 |
| Power ² | W(Max.) | CW: 250; Peak: 3000 |
| Weight | g(Max.) | 620 |
| Dimension ³ | mm(Max.) | 174.8L×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±0.49

Outline Drawing

