

High Power Dual-Directional Coupler

Model D40HLB020180 Rev.A

2-18GHz 40dB Dual-Directional Coupler ; Coaxial connector;



All specifications are subject to change without notice at any time

Electrical & Mechanical Specifications

| | | | |
|-----------------------------|--|---------------------|---|
| Frequency Range | GHz | 2-8 | 8-18 |
| Main Line VSWR | :1 (Max.) | 1.4 | 1.5 |
| Coupling VSWR | :1 (Max.) | 1.5 | 1.6 |
| Insertion Loss ¹ | dB(Max.) | 0.4 | 0.6 |
| Coupling | dB(Max.) | 40±1 | 40±1 |
| Flatness | dB(Max.) | ±1 | ±1 |
| Directivity | dB(Min.) | 12 | 10 |
| Power ² | W(Max.) | CW: 250; Peak: 3000 | |
| Weight | g(Max.) | TBD | Dimension ³ mm(Max.) 94.7L×47.5W×25.4H |
| 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±0.1

Outline Drawing

