



Crossguide Directional Coupler

Part No: HD-70WL+C30NKPPC

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|--------------------------------------|----------------------------------|---|
| 1.0 | Mechanical Specifications | |
| 1.1 | Waveguide Type | WR137 |
| 1.2 | Flange Type | FDP70 (Cover) |
| 1.3 | Coupled Port Connector | N Female |
| 1.4 | Material | Copper/Brass |
| 1.5 | Inside Finish | Silver plating |
| 1.6 | Outside Finish | Anticorrosion black paint |
| 2.0 Electrical Specifications | | |
| 2.1 | Frequency range | 5.85-8.17 GHz |
| 2.2 | Operation bandwidth | Up to 20% of waveguide center frequency |
| 2.3 | VSWR (Max) | 1.10 (Main Line), 1.25 (Secondary Line) |
| 2.4 | Coupling | 30 ± 0.7 dB |
| 2.5 | Directivity (Min) | 18 dB |
| 3.0 Outline Drawing | | |
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Revision History

| Date | Revision | Changes |
|-------------|----------|---------------|
| 21-Jul-2003 | 1 | First release |

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