

ADC-xx-WBM-LP-NF-CC

Directional Coupler 300 W

Beschreibung

- Amphenol directional couplers are designed to give optimum performance between 698 - 2700 MHz.
- Achieving PIM @ -153 dBc, IP 65 rating, makes them ideal for indoor or outdoor environments.
- Standard coupling values of 3, 6, 10, 15, 20, and 30 dB are available.
- Connector configurations of N-Female.



BESTELLUNG

| Modell | Produkt Nr | Frequenz |
|---------------|---------------------|----------------|
| 3dB Coupling | ADC-03-WBM-LP-NF-CC | 698 - 2700 MHz |
| 6dB Coupling | ADC-06-WBM-LP-NF-CC | 698 - 2700 MHz |
| 10dB Coupling | ADC-10-WBM-LP-NF-CC | 698 - 2700 MHz |
| 15dB Coupling | ADC-15-WBM-LP-NF-CC | 698 - 2700 MHz |
| 20dB Coupling | ADC-20-WBM-LP-NF-CC | 698 - 2700 MHz |
| 30dB Coupling | ADC-30-WBM-LP-NF-CC | 698 - 2700 MHz |

SPEZIFIKATIONEN

| Elektrisch DE | | | | | | |
|---------------------------|-------------------------|-----------|----------|----------|----------|----------|
| Frequenz | 698 - 2700 MHz | | | | | |
| Max. Eingangsleistung | 300 W | | | | | |
| Kupplung | 3 dB | 6 dB | 10 dB | 15 dB | 20 dB | 30 dB |
| Kupplungstoleranz | ± 0.2 dB | ± 0.8 dB | ± 1.0 dB | ± 1.0 dB | ± 1.0 dB | ± 1.2 dB |
| Einfügedämpfung | 0.6 dB | ≤ 1.7 dB | ≤ 0.7 dB | ≤ 0.4 dB | ≤ 0.3 dB | ≤ 0.2 dB |
| Impedanz | 50 Ω | | | | | |
| Spitzen-Eingangs-Power | 1 kW | | | | | |
| Anwendung | Indoor / Outdoor | | | | | |
| Isolierung | ≥ 23 dB | ≥ 26 dB | ≥ 30 dB | ≥ 35 dB | ≥ 40 dB | ≥ 50 dB |
| VSWR | < 1.2:1 | | | | | |
| Passive Intermodulation | < -153 dBc (2 x 43 dBm) | | | | | |
| Dissipativer Verlust | ≤ 0.2 dB | ≤ 0.15 dB | ≤ 0.1 dB | ≤ 0.1 dB | ≤ 0.1 dB | ≤ 0.1 dB |
| Mechanisch DE | | | | | | |
| Überzug | Silber / Trimetal | | | | | |
| AnschlussstypN(f) | | | | | | |
| Farbe | Schwarz | | | | | |
| Gewicht | 0.47 kg / 1.04 lb | | | | | |
| RoHS-Konform | Ja | | | | | |
| Montage | 4.5mm dia. (two holes) | | | | | |
| Umwelt | | | | | | |
| Betriebstemperaturbereich | -35°C to +70°C | | | | | |
| Feuchtigkeit | < 95% | | | | | |
| IP Schutzklasse | IP65 | | | | | |

