

DUAL

DUAL-BAND PICO FOR PCS & WCDMA (Model # : ARPD-2000PW)



Description

- Low cost to extend cell coverage
- Dual-band Service (PCS & WCDMA)
- Sleep Mode
- Easy to install
- Automatic Gain Control (AGC)
- Network Management System (NMS)

Specifications

| Parameters | | Specification | |
|-------------------|------------|---|--------------------|
| | | PCS | WCDMA |
| Frequency Range | Down Link | 1840~1860MHz | 2150~2170MHz |
| | Up Link | 1750~1770MHz | 1960~1980MHz |
| Pass Band Ripple | | 2dB p-p | 2dB p-p |
| Gain | | 75dB | 75dB |
| Gain Control | | 45~75dB/1dB step | 45~75dB/1dB step |
| AGC Range | | 30dB | 30dB |
| Input Level | | -35dBm/Total(14FA) | -35dBm/Total(14FA) |
| max. Output Level | | 10dBm/Total(14FA) | 10dBm/Total(14FA) |
| Tx/Rx Isolation | | Noise Level Variation 1dB max. (@ max. gain, Output Level) | |
| Time Delay | | 5μs max. | |
| VSWR | | 1.5 : 1 max. | |
| Spurious (IS-95A) | Fc±885KHz | 45dB/30KHz min. | - |
| | Fc±1.98MHz | 50dB/30KHz min. | |
| | Fc±2.25MHz | -13dBm/1MHz max. | |
| Spurious Emission | ± 2.5MHz | - | -22dBm/30KHz |

Actipass Co., Ltd.

451, Hagal-Dong, Giheung-Gu, Yongin-Si, Kyunggi-Do, Korea

TEL : 82-31-201-7589 FAX : 82-31-204-7502

E-Mail : steve@actipass.com / actipass@actipass.com www.actipass.com

| | | | |
|-----------------------------------|----------------|------------------|---------------|
| Mask (In-band) | ± 3.5MHz | | -34dBm/31KHz |
| | ± 4.0MHz | | -21dBm/32KHz |
| | ± 8.07MHz | | -25dBm/33KHz |
| Spurious Emission Mask (Out-band) | 9KHz~150KHz | - | -13dBm/1KHz |
| | 150KHz~30MHz | | -13dBm/10KHz |
| | 30MHz~1GHz | | -13dBm/100KHz |
| | 1GHz~12.75GHz | | -13dBm/1MHz |
| Noise Figure | Gain : 45~55dB | 7dB max. | |
| | Gain : 56~75dB | 5dB max. | |
| Error Vector Magnitude (EVM) | | - | 17.5% max. |
| Peak Code Domain Error (PCDE) | | - | -35dB max. |
| Frequency Stability | | ± 0.05ppm max. | |
| In/Output Connector | | N(F)-type | |
| Dimension (W x D x H) [mm] | | 120 x 73.5 x 195 | |

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com