

CDMA800/GSM1800/UMTS/WiMax Combiner

Model : PW-FUP-8029 ver A

- 1、 Part Number: PW-FUP-8029 ver A
- 2、 Name: Four-band Combiner (Fourplexer)

| NO | Parameter | Performance Specification | | | |
|----|-----------------------|--------------------------------------|--------------------------------|---------------------------------|---------------|
| | | CDMA800 | GSM1800 | UMTS2100 | Wi-Max |
| 1 | Frequency Range (MHz) | 825~880 | 1710-1880 | 1920~2170 | 2300-2390 |
| 2 | Passbands (MHz) | 55 | 170 | 250 | 90 |
| 3 | Insertion Loss (dB) | 1.0 | 0.8 | 0.6 | 0.6 |
| 4 | Passband Ripple (dB) | 0.6 | 0.6 | 0.4 | 0.3 |
| 5 | Return Loss (dB) | 18 | 18 | 18 | 18 |
| 6 | Attenuation (dB) | 80dB@890~2170 | 80dB@825~960 80dB@1920~2390 | 80dB@825~1880 80dB@2300~2390 | 80dB@825~2170 |
| 7 | Isolation system (dB) | 80 | | | |
| 8 | Impedance (Ohm) | 50 | | | |
| 9 | IP3 (dBc) | $\leq -140 @ +43\text{dBm} \times 2$ | | | |
| 10 | Connector | N-Female | | | |
| 11 | Power Handling (Watt) | 100 | | | |
| 12 | Temperature(°C) | -10 to +65 | | | |
| 13 | Dimensions (mm) | 358 x 226 x 50 | | | |