

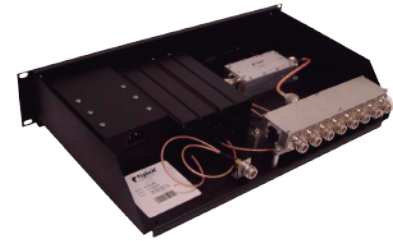
# UHF RECEIVER MULTICOUPLERS

## Dual Band Pass • 400 - 520 MHz

RCD Series

### Product Features

- The built-in dual band pass input preselector provides excellent out of band rejection, with 3 to 4 MHz bandwidth per band pass
- A single stage low noise A class preamplifier ensures flat gain through all the band
- High compression point
- Low I.M. generation



UHF Receiver Multicoupler

### Applications

- For multicarrier systems



| Specification          | RCD45-4  | RCD45-8          | RCD45-16                                | RCD45-24          |
|------------------------|--|------------------|---|-------------------|
| Frequency band         | 450 – 512MHz                                     |                  |   |                   |
| Input preselector      | Yes, dual band pass, 3 to 4 MHz BW per band pass |                  |   |                   |
| Number of outputs      | 4  | 8                | 16                                      | 24                |
| Gain (*)               | 25dB, adjustable                                 | 21dB, adjustable | 17dB, adjustable                        | 13dB, adjustable  |
| Gain adjustment range  | 0 to 25dB  |                  |   |                   |
| System noise figure    | < 3.0dB  |                  |   |                   |
| OIP3                   | >+25dBm  |                  |   |                   |
| Antenna connector      | N(f)   |                  |   |                   |
| Output connectors      | BNC(f) or N(f)                                   |                  |   |                   |
| Return loss            | 18dB min, all ports                              |                  |   |                   |
| Impedance              | 50 Ω   |                  |   |                   |
| Output ports isolation | 25dB min   |                  |   |                   |
| Temperature range      | -40° to 140° F • -40° to +60° C                  |                  |   |                   |
| Power, AC              | 110/220 VAC 50/60Hz 10W                          |                  |   |                   |
| Power, DC              | 5V   |                  |   |                   |
| Mounting               | 19in rack tray, open frame, 2 RU                 |                  | 19in rack tray, open frame, 3 RU        |                   |
| Dimensions             | 19 x 3.5 x 12 inches • 483 x 89 x 305 mm         |                  | 19 x 5 x 12 inches • 483 x 127 x 305 mm |                   |
| Weight                 | 8.8 lbs • 4 kg                                   | 9.9 lbs • 4.5 kg | 11 lbs • 5 kg                           | 12.1 lbs • 5.5 kg |

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