**Microlab, A Wireless Telecom Group Company, 25 Eastmans Road, Parsippany, NJ 07054**

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**Microlab DN-x4FE series**

**Multi-Band, Lightweight, Unequal Splitters**

350 - 5,850 MHz, 4.3-10 connectors

Rev. B

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**Tappers, DN-x4FE series**

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**Now with coverage to 5,850 MHz**

- Split ratios from 1000:1 to 2:1
- Tetra, PMR, Cellular, UMTS, WiFi & WiMAX
- Low Specified PIM
- 500 W Avg Power Rating
- Minimal RF Insertion Loss
- RoHS compliant
- High Reliability, IP67

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**Microlab DN-x4FE series of Tappers unevenly split high power cellular signals in fixed ratios from 1000:1 to 2.1 with minimal reflections or loss over the key wireless bands in the range 350 - 5,850 MHz, (there is no coupling 1550 to 1650 MHz). The innovative asymmetric design ensures an excellent input VSWR and coupling flatness across the specified bands, even down to a 2:1 split.**

The lightweight design allows easy attachment to a wall using the supplied bracket. Designed with only a few solder joints and an air dielectric, loss is minimized and reliability enhanced. See DN-x4FN, DN-x4FD, and DN-x4FC series for similar Tappers with N, 7/16, and 4.1-9.5 connectors.

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**Frequency Bands:**

- Bands specified below

**Dissipative Loss:**

- <0.1 dB (main line)

**Power Rating:**

- 500W avg., 3 kW peak

**Impedance:**

- 50Ω nominal

**Intermod. (PIM):**

- -161 dBc (2 tones at +43 dBm)

**Environment:**

- IP67, -35°C to +75°C

**Connectors:**

- 4.3-10 (f) trimetal

**Housing Finish:**

- Passivated Aluminum

**Weight, nom:**

- 14 oz (380 g)

**Mounting:**

- Bracket supplied

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**Now with coverage to 5,850 MHz**

**Note:** Specifications are subject to change without prior notification.

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