

- ◆ Covers all Popular Public Safety bands: UHF/FirstNet/PS700/PS800/PS900
- ◆ Split ratios from 100:1 to 2:1
- ◆ Patented Design*
- ◆ 200 W Avg Power Rating
- ◆ Minimal RF Insertion Loss
- ◆ IP65 Rated
- ◆ RoHS compliant



*covered by US Patent #7,026,888

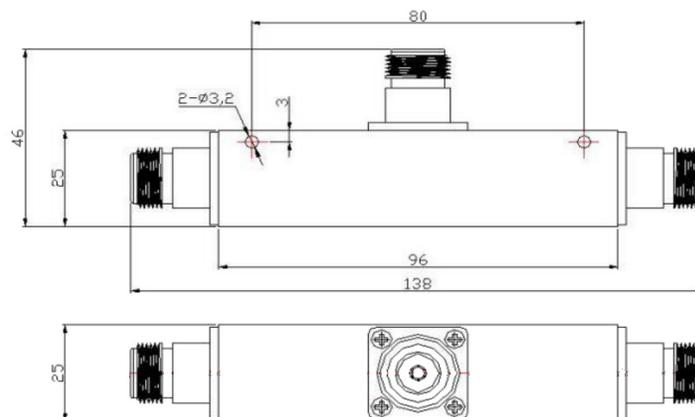
Microlab DN-PS-x-396FN tappers unevenly split high-power RF signals in fixed ratios from 100:1 to 2:1 with minimal reflections or loss. These Tappers have been optimized to cover UHF/TETRA and PS700/PS800/PS900 DAS Applications that do not require Low-PIM. The Patented design ensures an excellent input VSWR and coupling flatness across the specified bands.

Frequency Bands: 340-960 MHz
 Power Rating: 200 W avg.
 Dissipative Loss: <0.1 dB (main line)
 Return Loss: < 1.3:1 (10-20 dB)
 < 1.35:1 (4.8-8 dB)
 Impedance: 50 Ω nominal
 Temperature: -35°C to +65°C
 Environment: IP65
 Connectors: N(f)
 Housing Finish: Painted
 Dimensions: 3.77 x 0.98 x 0.98(in);96x25x25(mm)
 Weight, nom: 14 oz (380 g)

Part No	Ratio	Value (dB)	Main Loss (dB)	Branch Loss (dB)	Accuracy (dB) 340-617MHz	Accuracy (dB) 617-960MHz
DN-PS-3-396FN	2:1	3	-2.2	-4.8	-2 / +0.5	±1.0
DN-PS-5-396FN	3:1	5	-1.7	-6.1	-1.8 / +0.7	±1.0
DN-PS-6-396FN	4:1	6	-1.3	-7	-1.8 / +0.7	±1.0
DN-PS-8-396FN	6:1	8	-0.9	-8.6	-1.8 / +0.7	±1.0
DN-PS-10-396FN	10:1	10	-0.5	-10.4	±1.2	±1.0
DN-PS-13-396FN	20:1	13	-0.5	-13.2	±1.3	±1.25
DN-PS-15-396FN	30:1	15	-0.3	-15.1	±1.3	±1.25
DN-PS-20-396FN	100:1	20	-0.3	-20.1	±1.6	±1.5

Mechanical Outline

Dimensions in mm



Note: Specifications are subject to change without prior notification.

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