

- ◆ Split ratio of 10:1, 100:1, & 1000:1
- ◆ Cellular, UMTS, WiFi & WiMAX
- ◆ 50 W Avg Power Rating
- ◆ Minimal RF Insertion Loss
- ◆ Compact Design
- ◆ RoHS compliant
- ◆ High Reliability, IP67
- ◆ SMA connectors



Microlab DN-xOF series of Tappers unevenly split signals in fixed ratios from 1000:1 to 10:1 with minimal reflections or loss over the wireless bands in the range 698 - 5,500 MHz, The innovative asymmetric design ensures an excellent input VSWR and coupling flatness across the band, down to a 10:1 split.

The lightweight design allows easy attachment to a wall using the supplied bracket. Proprietary design assures long term stability and reliability as well as state of the art loss and flatness. (10/14)

Model Number	Frequency Range MHz	Outputs ref. to Input Level		Input VSWR
		Main/Branch dB	Branch Flatness	
<b>DN-10F</b> 10 dB (10:1)	698-2700	-0.5/-10.0	± 1.0	<1.25:1
	2700-3300	-0.5/-10.0	± 1.0	<1.50:1
	3300-5500	-0.5/-10.5	± 1.2	<1.60:1
<b>DN-20F</b> 20 dB (100:1)	698-2700	-0.05/-20.0	± 1.0	<1.20:1
	2700-3300	-0.05/-20.0	± 1.0	<1.30:1
	3300-5500	-0.10/-21.0	± 1.5	<1.70:1
<b>DN-30F</b> 30 dB (1000:1)	698-2700	-0.01/-30.0	± 1.0	<1.20:1
	2700-3300	-0.01/-30.0	± 1.0	<1.40:1
	3300-5500	-0.10/-31.5	± 2.0	<1.90:1

### Specifications

Frequency Bands: 698 - 5,500 MHz.

Dissipative Loss: 0.15 dB max.  
(main line)

Power Rating: 50W avg., 3 kW peak

Impedance: 50Ω nominal

Environment: IP67, -35°C to +75°C

Connectors: SMA(f) stainless steel

Housing Finish: Passivated Aluminum

Weight, nom: 1 oz (28 g)

