

Features

- Supports All Public Safety Bands
- Low Insertion Loss
- Low VSWR
- Up to 200W Average Power
- High Reliability, IP65



Description

The TAP series of RF Power Tappers is designed to accommodate all Public Safety Bands. These Power Tappers play a crucial role in distributing and balancing RF power across a distributed antenna system. By attenuating the power more on the coupled port in comparison to the through port, Tappers facilitate an even distribution of power. This characteristic ensures that antennas located farther away from the signal booster receive approximately the same power as antennas in closer proximity, promoting uniform coverage throughout the system.

Technical Specifications

Frequency Range	137 - 960 MHz
Power Capacity	200W
Impedance	50 Ω
Connector Type	N-Female
IP Grade	IP 65
Application	Indoor and Outdoor
Dimensions	138 × 46 × 25 mm (Without Connectors)
Weight	8 oz
Operating Temp.	-35° to +75° C
Color	Black

Ordering Information

Model	Description	Stock No.
TAP-137-960-3	RF Tapper, 137-960MHz, N-Female, 3 dBm	3996142
TAP-137-960-5	RF Tapper, 137-960MHz, N-Female, 5 dBm	3996169
TAP-137-960-6	RF Tapper, 137-960MHz, N-Female, 6 dBm	3996170
TAP-137-960-8	RF Tapper, 137-960MHz, N-Female, 8 dBm	3996171
TAP-137-960-10	RF Tapper, 137-960MHz, N-Female, 10 dBm	3996172
TAP-137-960-13	RF Tapper, 137-960MHz, N-Female, 13 dBm	3996173
TAP-137-960-15	RF Tapper, 137-960MHz, N-Female, 15 dBm	3996174
TAP-137-960-20	RF Tapper, 137-960MHz, N-Female, 20 dBm	3996175
TAP-137-960-30	RF Tapper, 137-960MHz, N-Female, 30 dBm	3996176

<i>Model #</i>	<i>Nominal Ratio</i>	<i>Output Split</i>	<i>Insertion Loss</i>	<i>Coupled Port Loss</i>	<i>Branch Flatness incl Loss, dB</i>	<i>Input VSWR (Max)</i>
TAP-137-960-3	2:1/3.0 dB	-2.3/-4.8	-2.3 dB	-4.8 dB	-7.2±0.9@137-200MHz -6.5±0.7@200-250MHz -6.0±0.6@250-380MHz -5.5±0.6@380-520MHz -4.8±0.6@698-960MHz	1.4@137-380 1.35@380-960
TAP-137-960-5	3:1/4.8 dB	-1.8/-6.1	-1.8 dB	-6.1 dB	-7.8±0.7@137-200MHz -6.8±0.6@200-250MHz -6.4±0.6@250-380MHz -6.1±0.6@380-520MHz -6.1±0.6@698-960MHz	1.4@137-380 1.35@380-960
TAP-137-960-6	4:1/6.0 dB	-1.6/-7	-1.6 dB	-7 dB	-8.5±0.7@137-200MHz -8.0±0.6@200-250MHz -7.8±0.6@250-380MHz -7.5±0.6@380-520MHz -7.0±0.5@698-960MHz	1.3@137-380 1.35@380-960
TAP-137-960-8	6:1/8.0 dB	-0.7/-8.5	-0.7 dB	-8.5 dB	-10.0±0.7@137-200MHz -9.5±0.6@200-250MHz -9.0±0.6@250-380MHz -8.5±0.6@380-520MHz -7.8±0.5@698-960MHz	1.3@137-380 1.35@380-960
TAP-137-960-10	10:1/10 dB	-0.9/-10.4	-0.9 dB	-10.4 dB	-11.5±0.8@137-200MHz -10.7±0.7@200-250MHz -10.3±0.7@250-380MHz -10.1±0.7@380-520MHz -9.9±0.5@698-960MHz	1.25@137-380 1.25@380-960
TAP-137-960-13	20:1/13 dB	-0.7/-13.0	-0.7 dB	-13.0 dB	-14.5±0.8@137-200MHz -13.6±0.8@200-250MHz -13.5±0.8@250-380MHz -13.2±0.8@380-520MHz -13.1±0.5@698-960MHz	1.25@137-380 1.25@380-960
TAP-137-960-15	30:1/15 dB	-0.5/-15.3	-0.5 dB	-15.3 dB	-16.5±0.8@137-200MHz -15.6±0.8@200-250MHz -15.5±0.8@250-380MHz -15.2±0.8@380-520MHz -15.4±0.5@698-960MHz	1.25@137-380 1.25@380-960
TAP-137-960-20	100:1/20 dB	-0.4/-20.1	-0.4 dB	-20.1 dB	-20.7±1.0@137-200MHz -20.1±1.0@200-250MHz -20.0±1.0@250-380MHz -20.1±1.0@380-520MHz -20.1±0.8@698-960MHz	1.25@137-380 1.25@380-960
TAP-137-960-30	1000:1/30 dB	-0.3/-30.1	-0.3 dB	-30.1 dB	-30.7±1.0@137-200MHz -30.1±1.0@200-250MHz -30.1±1.0@250-380MHz -30.1±1.0@380-520MHz -30.1±0.8@698-960MHz	1.25@137-380 1.25@380-960