

T71xxx4-V02
Power Tapper (N / 4.3-10 / 7/16)
PIM -160dBc
380-4000 / 5300-6000



Power Tapper 380-4000 / 5300-6000

Preliminary

Type	N Female 300W	T7130514-v02 5dB Tapper	T1730614-v02 6dB Tapper	T7130714-v02 7dB Tapper
	4.3-10 Female 500W	T7110524-v02 5dB Tapper	T7110624-v02 6dB Tapper	T7110724-v02 7dB Tapper
	7/16 Female 700W	T7150534-v02 5dB Tapper	T7150634-v02 6dB Tapper	T7150734-v02 7dB Tapper
O/P Power Split Ratio (dB)		2:1/3	3:1/4.8	4:1/6.0
Tap Loss (dB)	P3/P2→P1	-1.8 / -4.8	-1.3 / -6.1	-1.0 / -7.0
	Tolerance	±1.0	±1.0	±1.0
Return Loss (dB)		≥ 14	≥ 15.6	≥ 18

Type	N Female 300W	T7130814-v02 8dB Tapper	T7130914-v02 9dB Tapper	T7131014-v02 10dB Tapper
	4.3-10 Female 500W	T7110824-v02 8dB Tapper	T7110924-v02 9dB Tapper	T7111024-v02 10dB Tapper
	7/16 Female 700W	T7150834-v02 8dB Tapper	T7150934-v02 9dB Tapper	T7151034-v02 10dB Tapper
O/P Power Split Ratio (dB)		6:1/8.0	7:1/8.5	10.1/10
Tap Loss (dB)	P3/P2→P1	-0.7 / -8.6	-0.6 / -9.0	-0.4 / -10.4
	Tolerance	±1.0	±1.0	±1.0
Return Loss (dB)		≥ 18	≥ 18	≥ 18

Type	N Female 300W	T7131314-v02 13dB Tapper	T7131514-v02 15dB Tapper	T7132014-v02 20dB Tapper
	4.3-10 Female 500W	T7111324-v02 13dB Tapper	T7111524-v02 15dB Tapper	T7112024-v02 20dB Tapper
	7/16 Female 700W	T7151334-v02 13dB Tapper	T7151334-v02 15dB Tapper	T7152034-v02 20dB Tapper
O/P Power Split Ratio (dB)		20:1/13	30:1/15	100:1/20
Tap Loss (dB)	P3/P2→P1	-0.2 / -13.2	-0.1 / -15.1	-0.1 / -20.1
	Tolerance	±1.5	±1.5	±1.5
Return Loss (dB)		≥ 18	≥ 18	≥ 18

(D)89161360/89171360/89181360/89191360/89101360/89112360/89142360/89162360/89113360
(D)81261360/81271360/81281360/81291360/81201360/81212360/81242360/81262360/81213360
(D)83261360/83271360/83281360/83291360/83201360/83212360/83242360/83262360/83213360

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General Electrical Specification

Frequency (MHz)	380-4000 / 5300-6000
PIM3 (dBc, @2x43dBm)	≤ -160dBc
Max. Input Power (W)	300 (N Female) 500 (4.3-10 Female) 700 (7/16 Female)
Peak Input Power (W)	800 (N Female) 1,500 (4.3-10 Female) 2,000 (7/16 Female)
Input Impedance (Ω)	50

Environmental Specification

Operating Temp (°C)	-40 to +65
Operating RH (%)	≤ 95
Ingress Protection	IP65

Mechanical Specification

Mounting	Wall mount
Colour	Light Grey
Weight (kgs) (including mounting bracket and connectors)	0.22 (N Female) 0.26 (4.3-10 Female) 0.34 (7/16 Female)
Dimension (mm) (excluding mounting bracket and connectors)	89 x 25 x 25

Packing Information

Packing Dimension (mm)	215 x 140 x 95
No. of Units per Carton	32

