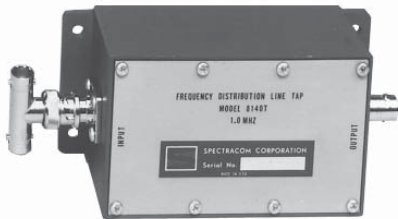


LineTap

Model 8140T



Specifications

Output Frequency Choices:

10, 5, 1, or 0.1 MHz (specify for each LineTap)

Output Levels:

600 mV rms sine wave into 50 ohms
TTL-compatible when used without termination

Input Signal: 10 MHz from Model 8140

Harmonic Distortion: -40 dB typical

Reverse Isolation: 80 dB typical

Power:

DC power is supplied via the coaxial trunk line from a Spectracom Distribution Amplifier

PHYSICAL & ENVIRONMENTAL

Size: 5.25" W x 2.63" H x 1.71" D (133 x 67 x 43 mm)

Hole Pattern: 4.75" x 1.75" (121 x 44 mm)

Weight: 1 lb.

Connectors: BNC (input tee included)

Temperature:

0° to 50° C (32° to 122° F) operating
-40° to 85° C (-40° to 185° F) storage

Humidity: 95% R.H. non-condensing

ORDERING INFORMATION

For 10 MHz sine wave output tap, specify 8140T10
For 5 MHz sine wave output tap, specify 8140T5
For 1 MHz sine wave output tap, specify 8140T1
For 100 kHz sine wave output tap, specify 8140TR1

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SWEDEN | Box 20020 | 161 02 Bromma, Sweden | +46 8 598 510 00 | info@pendulum.se

MultiTap

Model 8140MT

Specifications

Output Frequency Choices:

Three square wave outputs per MultiTap. 1.5 V p-p into 50 ohms. There are four groups of output frequency choices. Once a group is chosen, each of the three outputs may be set to any frequency in the group.

For a 10 MHz input, the outputs are:

A	B	C	D
5	5	1	1
1	0.5	0.2	0.1
1	0.1	0.04	0.02
0.04	0.02	0.008	0.004

Frequency Input:

Typically 10 MHz. TTL input range is 1 kHz to 20 MHz; since input range is 100 kHz to 20 MHz. 300 mV p-p to 5 V p-p sine; high impedance. Output frequencies are proportional to input frequency. Coaxial input line must be properly terminated.

Power:

DC power is supplied through the coaxial trunk line from a Spectracom Distribution Amplifier. An optional AC/DC adapter allows the MultiTap to be driven from sources other than a Spectracom Distribution Amplifier. External power must always be used if any output frequencies desired are less than 100 kHz even if used with a distribution amplifier.

Physical & Environmental

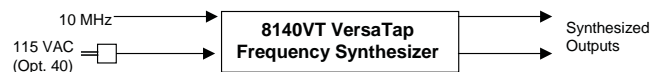
Connector:

BNC (input tee included)
Power: 2.1 mm I.D. DC jack

All other physical and environmental parameters are the same as 8140T.

Ordering Information

Specify Model 8140MT plus Option 40 for 115 VAC adapter.



Stand Alone Operation

June 4, 2010 - 8140TMT (F)

Specifications subject to change or improvement without notice.
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