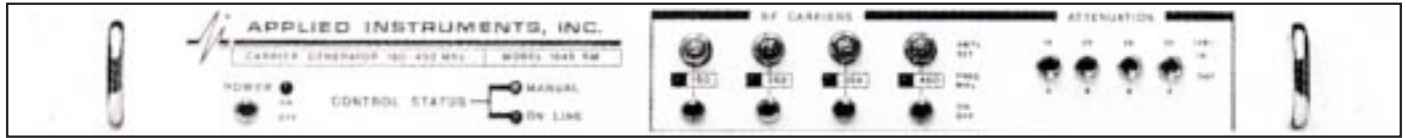




C A T V
4 - C A R R I E R
G E N E R A T O R
M O D E L 1 6 4 5

Model 1645



1645

1645 SPECIFICATIONS

Max output level (all carriers).....	+56 dBmV
Attenuator	0 to 70 dB in 10 dB steps
Individual amplitude adjustment.....	0 to -13 dB
Amplitude stability	± 0.5 dB/setting
Spectral purity	
(spurious & harmonic).....	≥ 60 dBc
Residual hum	$\leq 0.01\%$
Frequency accuracy.....	$\geq 0.01\%$ kHz (10MHz to 1000 MHz)
	± 1.0 kHz (5MHz to 10MHz)
Output impedance	75 Ω
Size (W x H x D)	1.75" x 19" (std. rack) x 11"
	(4.5cm) x (48.3cm) x (27.9cm)
Power	120/240 VAC, 50/60 Hz

Various versions of the 1645 differentiate the range in which the customer-selected frequencies are located and if RS-232 interface is included.

<u>Model / Version</u>	<u>Frequency-Range in which customer selects four RF video carriers output</u>
1645	46 - 450 MHz (with RS-232)
1645NR	46 - 110 MHz (no RS-232)
1645NRXF	46 - 1000 MHz (no RS-232)

Specifications subject to change without notice.

STANDARD ACCESSORIES

- Operators manual
- Power line cord

OPTIONAL ACCESSORIES

- RS-232C interface

1645

The Model 1645 is a headend/hubsite RF four-carrier generator. Each CW carrier can be activated individually or simultaneously. The RF carriers generated are extremely clean and stable, thus making the 1645 an ideal instrument for testing/aligning the CATV forward band.

Features:

- Four individually or simultaneously activated RF carriers
- Spectral purity in excess of 60 dB allows accurate hum and noise evaluation without interference
- + 58 dBmV full output

CATV Applications

- System alignment
- Carrier-to-noise measurement
- Carrier-to-hum modulation
- Carrier-to-2nd/3rd order intermodulation testing

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