

## Advantest R3765C TECHNICAL SPECIFICATIONS

### General Information

#### Product Description:

40MHz - 3.8GHz, S-parament Network Analyzer

### R3765C Performance Characteristics

Form Factor	Benchtop
Type	Vector
Integral Signal Source	Yes
Integral Test Set	S-Parameter
Source Minimum Frequency	40 MHz
Source Maximum Frequency	3.8 GHz
Source Frequency Resolution	1 Hz
Source Frequency Accuracy	0.002 %
Minimum Output Power	0.0000316227766016838 Watts
Maximum Output Power	10 mW
Power Resolution	0.01 dB
Output Accuracy	0.5 dB
Output Impedance	50 Ohm
No. of Receiver Channels	1 ch
Receiver Minimum Frequency	40 MHz
Receiver Maximum Frequency	3.8 GHz
Maximum Dynamic Range	100 dB
Minimum Displayed Average Noise	-100 dBm
Maximum Displayed Average Noise	-90 dBc
Maximum Input Decibel	12 dBm
Input Connector Type	Type-N(f)

### R3765C Measurements/Features

S-parameter test set  
 4 Measurement channels  
 Hi-speed sig processing  
 Swp mode: 0.15ms/tstpt  
 Electronic Attenuator  
 Prog sweep func  
 TFT colour LCD Display

Limit lines  
Built-in BASIC cntrlr  
Output Accuracy : 0.5dB

#### R3765C Programmability/Connectivity

User Interface	Proprietary
Ports to Peripheral Devices	RS232
Data Storage Type	FDD
Programming Language	SCPI

#### R3765C Life Cycle Data

Preceding Model	<a href="#">ADV/R3765B</a>
Out of Production	Nov-01-2000

#### R3765C Warranty and Calibration

Calibration Period	1yr
Warranty	1 yr

#### R3765C Compliance

CE Compliance	Not on file
UL Compliance	Not compliant

#### R3765C Power Requirements

Input Power	Universal (Auto Sense and Switch)
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#### R3765C Physical Dimensions

Width	424 mm(16.69 in)
Height	220 mm(8.66 in)
Length	400 mm(15.74 in)
Weight	16 kg(35.27 lb)