



7mm PRECISION OPEN CIRCUIT



Description

The model 2616D3 is a precision open circuit with an APC7 connector. It incorporates a dielectric to hold the spring collet of the mating connector flush with the outer conductor mating plane. This provides a major improvement in accuracy over earlier models which contained no dielectric.

The model 2616D3 is a significant design improvement. It eliminates the inconsistent characteristics of earlier designs caused by uncontrolled test ports.

Specifications

Frequency Range	DC - 18 GHz
Reflection Coefficient	0.995 minimum
Phase Accuracy	$\pm 0.3^\circ$ maximum
System Impedance	50 ohms nominal
Connector	7mm type, mates with APC7

<p>Model 2616D3 Open Capacitance Coefficients:</p>
<p>C0 = 92.85</p>
<p>C1 = 0</p>
<p>C2 = 7.2</p>
<p>C3 = 4.3</p>