

2.4mm RF CONNECTOR

Part No. : 50205

Product Specification

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Rev.	ECN	Date	Prepared by	Checked by	Approved by

1. Scope

This product specification defines the test conditions and the performances of the 2.4mm RF CONNECTOR TERMINATION ADAPTER.

2. Product Name and Parts No.

2.1 Product Name

2.4mm RF CONNECTOR TERMINATION ADAPTER

2.2 Parts No.

Plug type: 50205-J001

Jack type: 50205-0001

3. Storage Conditions

Storage temperature: 278 to 308K (5°C to 35°C)

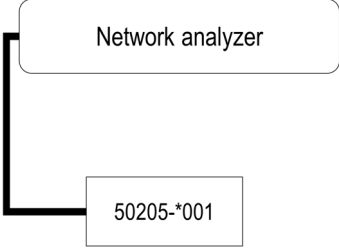
Storage humidity: 30~60% (Non-condensing)

4. Test and Performance

Test Condition

Temperature: 293K to 303K(20°C to 30°C)

4.1. Electrical Performance

1. Return Loss	
Reference standard:	-
Test conditions:	Measure return loss as shown in Fig.1 by network analyzer. Frequency: 0.1GHz~50GHz
 <p>The diagram shows a box labeled 'Network analyzer' connected by a line to a box labeled '50205-*001'. The connection is made via a right-angle bend in the line.</p>	
Fig. 1	
Pass criteria:	-20 dB MAX.

4.2. Mechanical Performance

1. Durability	
Reference standard:	-
Test conditions:	Repeat mate and unmate to applicable part 500 cycles with 1.65Nm torque wrench.
Pass criteria:	Shall meet above electrical performance.

4.3 Test Sequence and Specimen Quantity

Table.1 Test Sequence and Sample Quantity

Test Item	Test sequence
Return Loss	1,3
Durability	2
Specimen quantity	5

※Numbers indicate test sequences.