

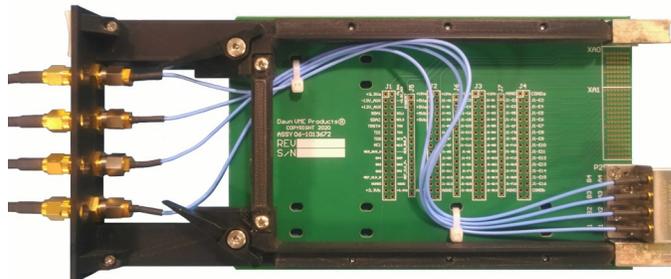
VITA 67.3 Type C Test Extender Card

Features

- ◆ Available in 3u VPX Eurocard (air cooled) or VPX VITA 48.2 (conduction cooled) form factors
- ◆ Supports VITA 67.3 Type C (RF connectors)
- ◆ Standard front panel Supports up to 8 SMA coax contacts. Contact Dawn for alternate Front panel options for up to 19 coax contacts
- ◆ Coax cable rated to 18GHz with Standard SMA face plate ports front I/O connectors
- ◆ Optional: Coax cable rated to 26.5Ghz using 2.92mm RF Connectors
- ◆ Breaks out all VPX P0 & P1 signals to dual row header connectors
- ◆ Supports VITA 67.3 Type C connector at VPX location P2

Designed to;

- ◆ Test your VPX 3u chassis VPX + VITA 67.3 Type C card slots using the Dawn VPX-3673 test extender card.
- ◆ Verify Coax cable proper connection and coax cables not damaged by installation handling.
- ◆ Perform spectrum analyzer sweep of internal chassis slot to slot VITA 67.3 Type C RF connections with one or more VPX-3673 RF test cards.
- ◆ Perform spectrum analyzer sweep of internal chassis VITA 67.3 Type C RF connections from VPX Slot to Front IO connectors
- ◆ Verify VPX P0 & P1 connections with breakout ribbon cables to test system of your choice.



Specifications;

Dimensions : VITA 46 / VPX 3u Form factor (100mm x 225mm) Including Face plate extension.

Power Requirements: No Power requirement - Card is passive

Contact Rating: VPX P0 & P1 breakout 0.1" header connectors rated 500mA for signal test path.

Coax connector options for VITA 67.3 Type C for the Dawn VPX-3673 RF test

SMPM VITA 67.3 10 Port Plug-In Module C

Part Number 9311-60220



SMPS VITA 67.3 14 Port Plug-In Module C

Part Number 9311-60221



SMPS VITA 67.3 19 Port Plug-in Module C

Part Number SF9311-60171



Board assembly part number:

06-1013673-10

06-1013673-14

06-1013673-19

Note: Board part numbers do not include coax cables.

Note: There are 3 connector options for this base product as of this date.

10 Coax

14 coax

19 coax

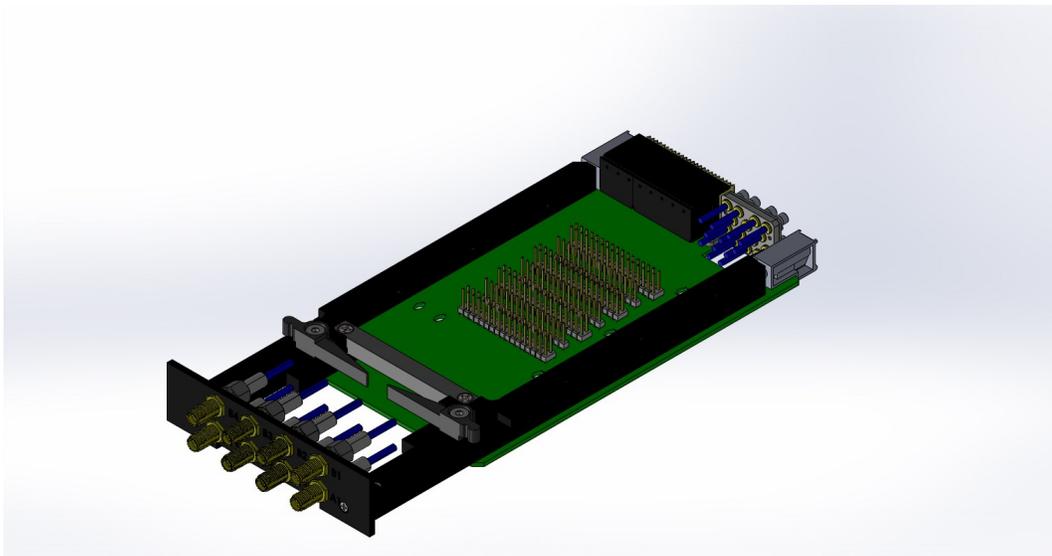
The 10 coax and the 14 coax are designed to use SVM SMPM coax cable.

The 19 coax has a smaller SVM SMPS coax cable.

NOTE:

-10 & -14 are designed to use **Dawn cable P/N 57-1020731**

-19 is designed to use **Dawn cable P/N 57-1020734**

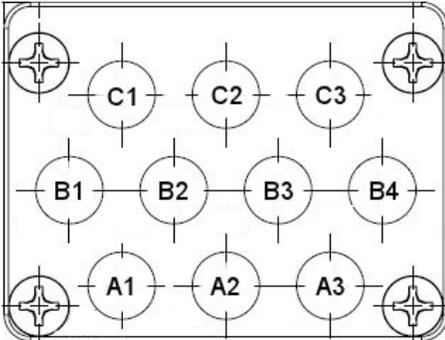


Coax Map Images For Each Board

Note: 06-1013673-10 & 06-1013673-14 are designed to use Dawn cable P/N 57-1020731

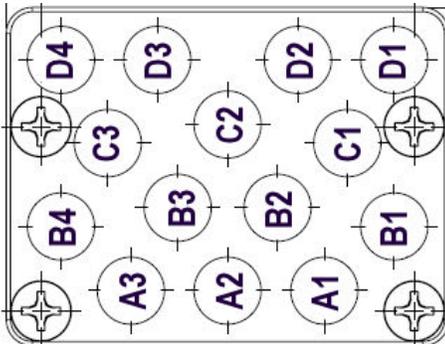
06-1013673-19 is designed to use Dawn cable P/N 57-1020734

06-1013673-10 Coax map



NOTE: Customers are required to return this page with the desired Coax locations marked /mapped on the appropriate image.

06-1013673-14 Coax map



06-1013673-19 Coax map

