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## C Series with SMA Front Connection: I/O Cable & Accessory Guide

Updated Jan 6, 2023

### Overview

Use this guide to match your C Series Modules with SMA front connection with a compatible cable and accessory to meet the needs of your application, whether you are creating a new configuration, replacing or expanding your current configuration, or verifying that existing parts can be used in a different configuration.

This page is part of the [C Series I/O Cable and Accessory Compatibility Guide](#).

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### Using this C Series I/O Cable and Accessory Guide

This guide is intended to cover connectors and cables for use with C Series Modules. It does not explicitly cover other NI product families such as [DAQ Multifunction I/O](#), [Digital Waveform Instruments \(formerly HSDIO\)](#), or R Series. It also does not cover legacy or End of Life (EOL) parts or products. Additionally, these products are supported in cRIO and/or cDAQ chassis, but this guide does not cover chassis accessories.

**Note:** Using the page search functionality in your browser to locate your model may speed up this process, typically CTRL+F on Windows or ⌘+F on MacOS.

### Finding Your C Series Module

This page is arranged by first having you identify the connector type on your C Series Module, locating the information for your specific model, and then choosing the accessory or cable combination that best fits your needs.

#### How to identify the model number of your C Series Module:

The model number of the C Series Module is printed on the faceplate of the module and also in the Getting Started that ships with the module.

## Cable and Accessory Compatibility Tables

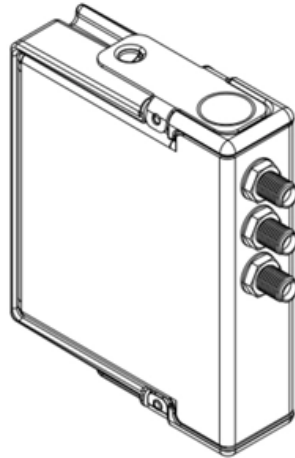


Figure 1: C Series with **SMA** Front Connection

**Note:** N/A= Not Applicable

Cable & Accessories for C Series Module with SMA connection

Modules	Number of SMA	SMA Antenna	DIN Rail Mount Terminal Block	Cable
NI-9467	1	*GPS Antenna, Magnetic Mount, 5M Cable P/N: <a href="#">782573-01</a>  or  *GPS Antenna, Fixed Mount, 10M Cable P/N: 782574-01	N/A	N/A
NI-9770	3	N/A	N/A	SMA 100, SMA Male to SMA Male Flexible Cable, 12.7cm P/N: <a href="#">763443-01</a>  SMA 100, SMA Male to SMA Male Flexible Cable, 38.1cm P/N: <a href="#">763444-01</a>

\* required accessory

## Ordering Information

For more information on any of the listed NI orderable parts, please visit <http://www.ni.com/contact-us/> to contact an NI representative. Most NI orderable parts listed in this guide without a product page can still be purchased by contacting NI.

## Glossary of Terms Used

- **EMI Suppression Ferrite** - Passive electrical component clamped around a cable to reduce Electromagnetic Interference (EMI) on the line. [Click here for an example.](#)
- **DIN Rail Mount Terminal Block** - A type of connector block that allows you to mount the block to a DIN rail. [Click here for an example.](#)
- **Front Mount Terminal Block** - A type of connector block that connects to the front of the module. [Click here for an example.](#)

## Additional Resources

- [C Series I/O Cable & Accessory Compatibility Guide](#)
- [C Series Module Compatibility Chart](#)
- [Shop for Terminal Blocks](#)