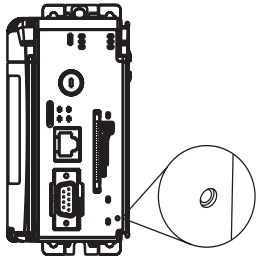
The Channel 0 Default Communications (DCH0) status indicator turns on (green, steady) to show when the default communication configuration is active.



IMPORTANT

Before pressing the default communication pushbutton, be sure to note the present communication configuration for Channel 0.

Pushing the default communication pushbutton resets all configured parameters back to their default settings.

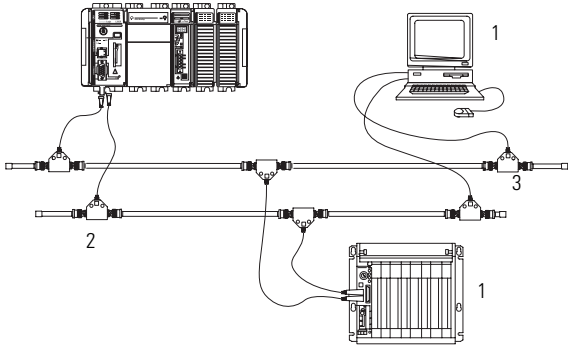
To return the channel to its user-configured parameters, you must enter them manually while online with the controller or download them as part of an RSLogix 5000 project file. To accomplish this online by using RSLogix 5000 software, enter the Controller Properties dialog box and use the Serial Port, System Protocol, and User Protocol tabs.

Make ControlNet Connections to the Controller

The CompactLogix 1769-L32C and 1769-L35CR controllers connect to the ControlNet network. The CompactLogix 1769-L32C controller supports channel A connections only. The CompactLogix 1769-L35CR controller supports channels A and B (redundant media) connections.

For permanent connections to the network, you connect the module to the ControlNet network by using a ControlNet tap (for example, 1786-TPR, 1786-TPS, 1786-TPYR, 1786-TPYS).

The figure shows an example ControlNet network using redundant media.



Item	Description
1	ControlNet node
2	Redundant media available on 1769-L35CR only
3	ControlNet link

When connecting the CompactLogix controller to a ControlNet network, also refer to the following documentation:

- ControlNet Coax Tap Installation Instructions, publication 1786-IN007
- ControlNet Cable System Planning and Installation Manual, publication 1786-6.2.1

IMPORTANT For network connections we recommend taps with a straight connector (catalog number 1786-TPS or 1786-TPYS) because of the location of the BNC connectors on the bottom of the module.

Connect the Controller to the Network Via a ControlNet Tap

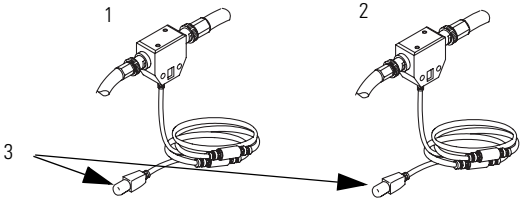
Typically, ControlNet taps are used to make permanent connections from the CompactLogix controller to the network. Perform the following steps to connect the module to the network by using a ControlNet tap.

ATTENTION

Do not allow any metal portions of the tap to contact any conductive material.

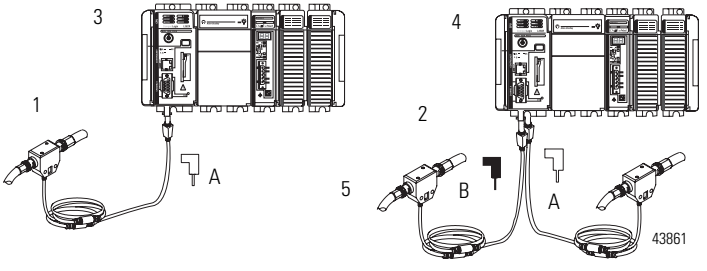
If you disconnect the tap from the module, place the dust cap back on the straight or right angle connector to prevent the connector from accidentally contacting a metallic grounded surface.

1. Remove and save the dust caps from the ControlNet taps.



Item	Description
1	Segment 1
2	Segment 2
3	Dust caps

2. Connect the tap's straight or right-angle connector to the module's BNC connector as shown in the figure.



Item	Description
1	Segment 1
2	Segment 2
3	Tap connected to a CompactLogix controller not using redundant media
4	Tap connected to a CompactLogix controller using redundant media (1769-L35CR unit only)
5	Tap

IMPORTANT To prevent inadvertent reversal of the tap connections (resulting in incorrect status displays requiring troubleshooting), check the tap drop cable for the label indicating the attached segment before making your connection.

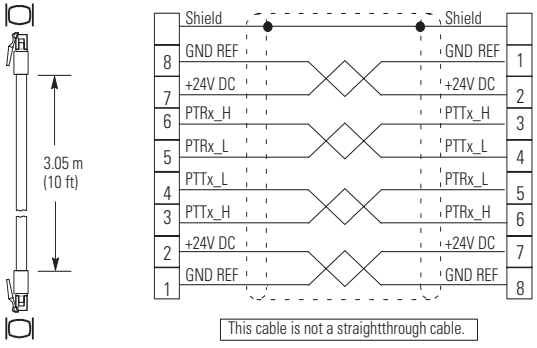
WARNING

If you connect or disconnect the communication cable with power applied to this module or any device on the network, an electrical arc can occur. This could cause an explosion in hazardous location installations.

Be sure that power is removed or the area is nonhazardous before proceeding.

Connect a Programming Terminal to the Network Via a 1786-CP Cable

You can use the CompactLogix controller's network access port (NAP) to connect a programming terminal to the ControlNet network. The figure shows the 1786-CP cable connections.



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WARNING

The NAP port is intended for temporary local-programming purposes only and not intended for permanent connection. If you connect or disconnect the NAP cable with power applied to this module or any device on the network, an electrical arc can occur. This could cause an explosion in hazardous location installations.

Be sure that power is removed or the area is nonhazardous before proceeding.

ATTENTION

Use the 1786-CP cable when you connect a programming terminal to the network through the NAP.

Using another cable could result in possible network failures or product damage.