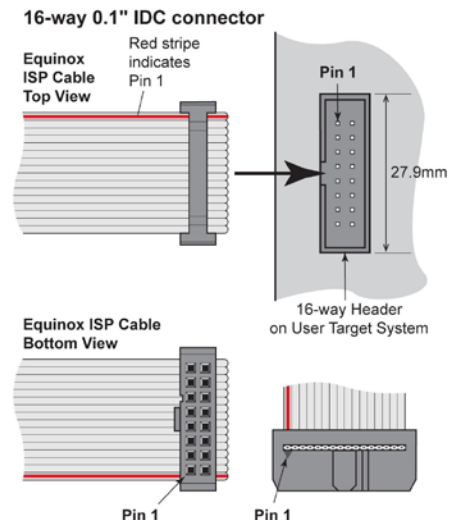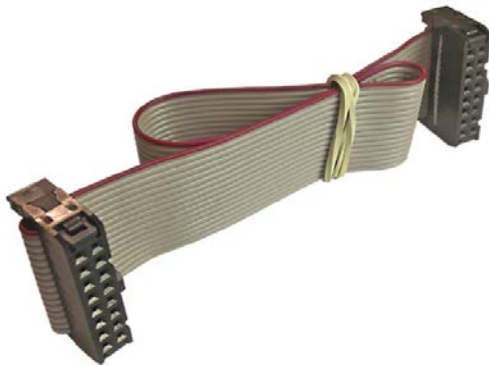# 16-way In-System Programming (ISP) Cable (0.1" IDC connectors)

Equinox Code: **CAB-16W/16W-ISP-RIBBON**
Digikey Code: **483-1031-ND**

The **CAB-16W/16W-ISP-RIBBON** cable is a **16-way** In-System Programming (ISP) ribbon cable designed to connect from any ISP programmer which features a 16-way IDC connector to a 16-way 0.1" pitch IDC connector on a suitable Target System. The cable features 200mm of flat ribbon cable with a 16-way IDC 0.1" pitch female connector on each end. The IDC connectors are fitted with 'cable grips' and are bump polarised to prevent the connector being plugged in the wrong way around.

The **CAB-16W/16W-ISP-RIBBON** cable is suitable for use with all Equinox ISPnano programmers and also with any other programmer or 'Starter Kit' which features the 16-way 0.1" pitch IDC connector.

Specification:

- Cable length (connector to connector): 200mm
- Cable type: 16-way flat ribbon cable (red stripe denotes pin 1)
- Each end of the cable is terminated with a 10-way 0.1" pitch IDC female connector
- Connectors are fitted with 'cable grips' for added resilience.
- Connectors are bump-polarised to stop the connector being plugged in the wrong way around

This cable is compatible with the following equipment:

- Equinox ISPnano programmer family - ISPnano Series 3, Series IV, ISPnano-MUX
- Equinox CONMOD connector module
- Infineon OCDS (JTAG) target boards feature a 16-way 0.1" IDC connector
- Any other programmer or 'Starter Kit' which features the 16-way 0.1" pitch IDC connector.

ISP Ribbon Cable - family overview

6-way 0.1" pitch ISP ribbon cable (200mm)	20-way 0.1" pitch ISP ribbon cable for ARM microcontrollers (200mm)
Digi-key - **483-1029-ND** Equinox - **CAB-ISP6W200** 	Digi-key - **483-1032-ND** Equinox - **CAB-ARM-20W**
10-way 0.1" pitch ISP ribbon cable (200mm)	**10-way 0.05" pitch ISP ribbon cable for ARM microcontrollers - (150mm)**
Digi-key **- 483-1030-ND** Equinox **- CAB-ISP10W200** 	Digi-key **- 483-1033-ND** Equinox - **CAB-ARM-10W-150**
16-way 0.1" pitch ISP ribbon cable (200mm)	**Typical layout of an ISP cable connector (10-way)**
Digi-key - **483-1031-ND** Equinox - **CAB-16W/16W-ISP-RIBBON** 	