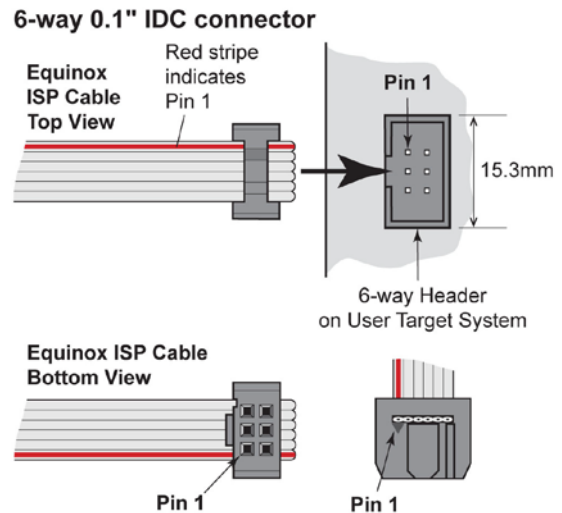


# 6-way In-System Programming (ISP) Cable (0.1" IDC connectors)

Equinox order code: **CAB-ISP6W200**

Digi-key order code: **483-1029-ND**



The **CAB-ISP6W200** is a **6-way** In-System Programming (ISP) ribbon cable designed to connect from any ISP programmer which features a 6-way IDC connector to a 6-way 0.1" pitch IDC connector on a suitable Target System. The cable features 200mm of flat ribbon cable with a 6-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-ISP6W200** cable is suitable for use with any Equinox ISP programmer and also with any other programmer or 'Starter Kit' which features the 6-way 0.1" pitch IDC connector. eg. Atmel AVRISP, STK500, STK501 etc.

## Specification:

- Cable length (connector to connector): 200mm
- Cable type: 6-way flat ribbon cable (red stripe denotes pin 1)
- Each end of the cable is terminated with a 6-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:

- Any Equinox ISP programmer with a 6-way IDC connector eg. EPSILON5, FS2000A, FS2003, FS2009, FS2009USB, PPM3-MK2, PPM4-MK1, ISPnano etc.
- Any ISP programmer, Starter Kit or Development Board which features a 6-way IDC connector eg. Atmel STK500, STK501, STK502, STK505 etc
- Any other programmer or Target PCB which features a 0.1" pitch 6-way IDC male connector.

# ISP Ribbon Cable - family overview

**6-way 0.1" pitch ISP ribbon cable  
(200mm)**

Digi-key - **483-1029-ND**  
Equinox - **CAB-ISP6W200**



**20-way 0.1" pitch ISP ribbon cable for  
ARM microcontrollers (200mm)**

Digi-key - **483-1032-ND**  
Equinox - **CAB-ARM-20W**



**10-way 0.1" pitch ISP ribbon cable  
(200mm)**

Digi-key - **483-1030-ND**  
Equinox - **CAB-ISP10W200**



**10-way 0.05" pitch ISP ribbon cable  
for ARM microcontrollers - (150mm)**

Digi-key - **483-1033-ND**  
Equinox - **CAB-ARM-10W-150**



**16-way 0.1" pitch ISP ribbon cable  
(200mm)**

Digi-key - **483-1031-ND**  
Equinox - **CAB-16W/16W-ISP-RIBBON**



**Typical layout of an ISP cable  
connector (10-way)**

