

# Source Control Document: Ribbon Cable

## INTRODUCTION

This document describes the requirements for the freeETarget flat cable used to connect the control board to the four sensors.

## DRAWING

The ribbon cable consists of five IDC connectors and a ten-conductor ribbon as shown in Figure 1.

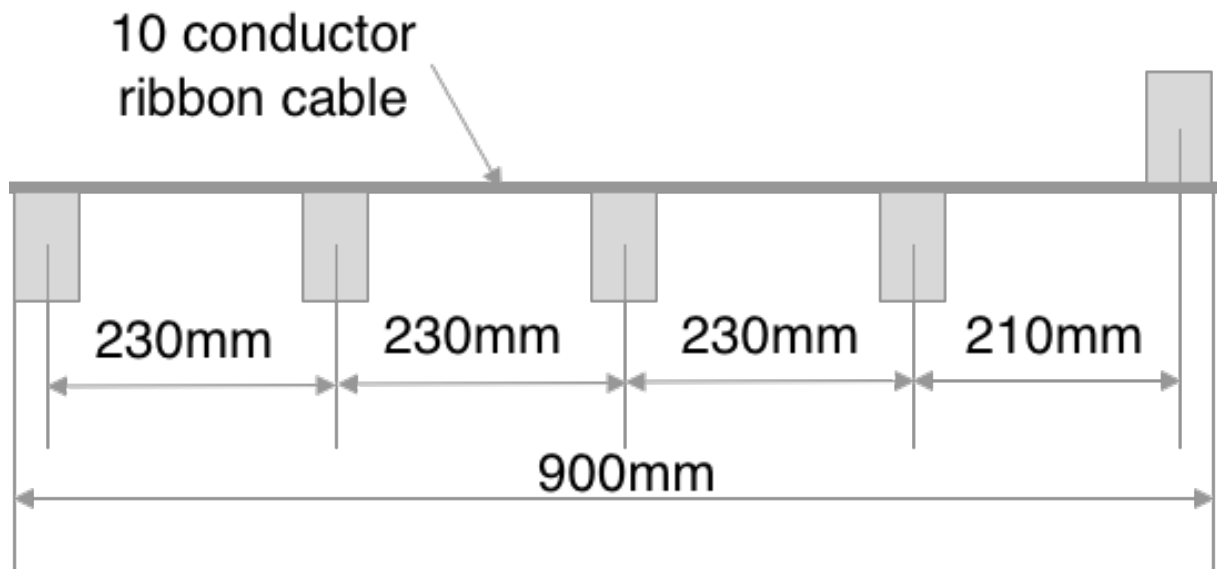


Figure 1: Ribbon Cable Assembly

Note the orientation of the connectors. The first four connectors are on one side, and the last one is on the opposite side.

## BOM

Item	Qty	Description	Amazon P/N
1	5	IDC Cable Connectors FC-10P	B00O9Y6FL6
1	800mm	10 Conductor Flat Cable	B07P77YRB2