

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.

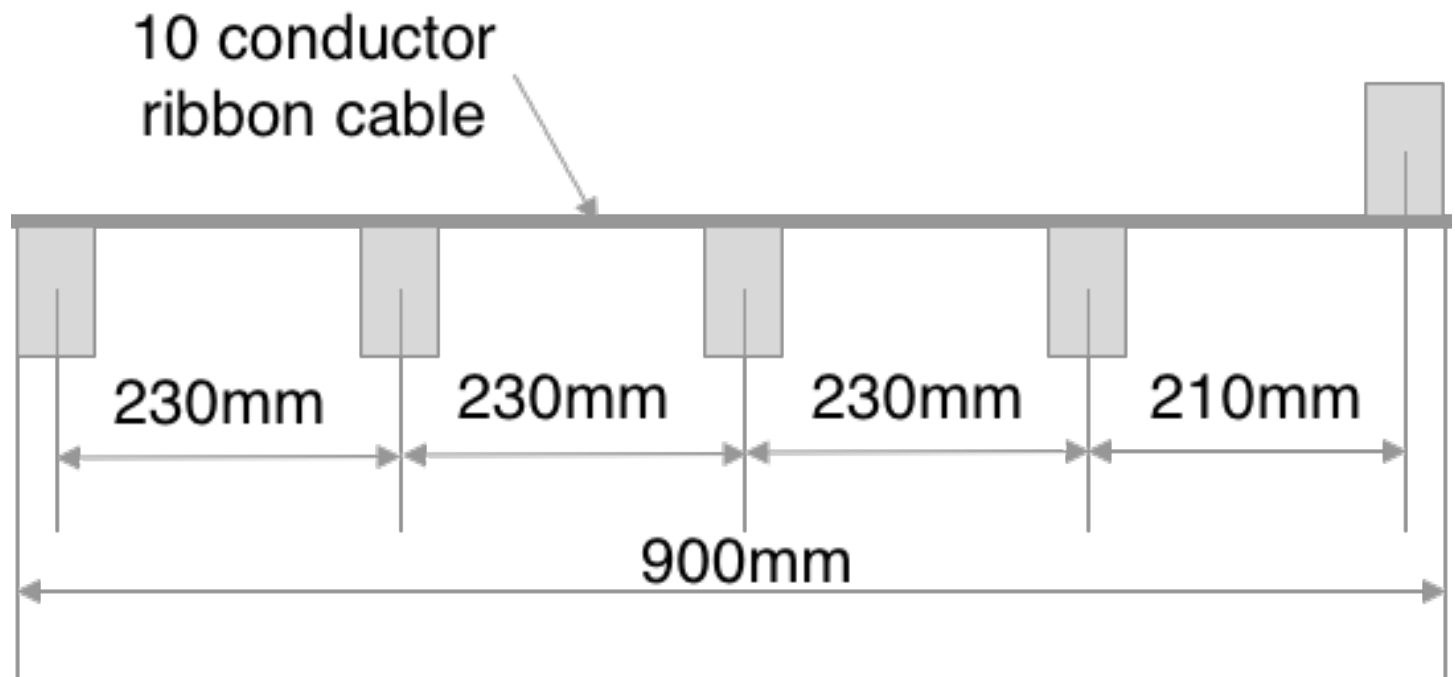


Figure 1: Ribbon Cable Assembly

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 |