# freETarget

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.

A screenshot of a video game

AI-generated content may be incorrect.

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 | 900mm | 10 Conductor Flat Cable | B07P77YRB2 |