# 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 diagram of a diagram of a line

Description automatically generated with medium confidence

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

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