



CAB-00039 – Supply Cable – Orbita

Ver.	Date	Pub	Chk	Description
A1	12/01/2023	EB	AC	Initial drawing.
B1	14/02/2023	EB	AC	Turned into a Y cable to supply Reachy's antennas.

1. Purpose

This cable supplies Orbita Motors Drivers (ASE00038 Major Tom) from Reachy's Power Supply Board. The small part (Y cable) supply Reachy's head through Orbita. This cable is made for Reachy 1.2.

2. Bill of Material

Item	Description	L (mm)	Qty	Ref. Farnell / RS
Wire	0,3 mm ²	200	2	
Hirose DF11 Fem. Housing 8 ways	DF11-8DS-2C		1	1688304 /
MicroFit Fem. Housing 2 ways	43645-0200		1	3076015 /
MicroFit Male Housing 2 ways	43640-0201		1	3076118 /
Contacts for DF11	DF11-2428SC		2	1688393 /
Contacts for MicroFit	43031-0001		2	1653819 /
Contacts for MicroFit	46235-0001		2	2284551 /
Prolongateur	22 AWG – 16 AWG		4	587321 /

3. Assembly

Molex Microfit Contacts are crimped with *Molex 64016-0201* Tool.

Hirose DF11 Contacts are crimped with *Hirose HT801/DF11-2428S(A)* Tool

4. Drawing

