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## 1 Version history

Version 6 Last saved 12. Feb. 2025 14:08 Wim Beaumont

### 1.1 document status

Internal use but can be shared

for discussion

none private or sensitive information

## 2 introduction

None standard cables ( for test purposes)

## 3 test cables

### 3.1 M12 F to subD 9 M testing M12 on patch panel

More docs on ETPF (Groupfolder)\WP7 - Controls\conditioning\_controls\steppermotors\3 – controllers

stepper moter , patch panel check  
cable ( to connect to cable tester)  
SUBD9

MALE	Color code	M12 female
	1 White	1
	6 Brown	2
	2 Green	3
	7 Yellow	4
	3 Grey	5
	8 Pink	6
	4 Blue	7
	9 Red	8
	5 shield	shield