

6

5

4

3

2

1

D

C

B

A

To CANNON Downrigger  
Interface Box J2

12 VDC RTN  
+12 VDC  
SHIELD  
SIG B  
SIG A

P1

1  
2  
3  
4  
5

SwitchCraft Plug P/N EN3C5MX  
(DigiKey P/N SC256-ND)

Shielded Instrumentation Cable, 24AWG, 4 Conductor, Length = 12 in.  
(Part of 3PS Inc. QUAD101-01 Encoder)

BLACK (24 AWG)

RED (24 AWG)

SHIELD

WHITE (24 AWG)

GREEN (24 AWG)

3PS Inc QUAD101-01 Encoder



NOAA/NMFS, Northeast Fisheries Science Center  
166 Water Street  
Woods Hole, MA 02543



TITLE

EchoCAL Wireless Calibration System  
3PS Encoder Cable Wiring Diagram

SIZE  
A3

CAGE CODE

DWG NO

ECHOCA-10540

REV  
-SCALE  
N/ASHEET  
1 of 1