

Cable, Underwater AUV Comm&Pwr

Part-Number FM122203-1CP Rev B

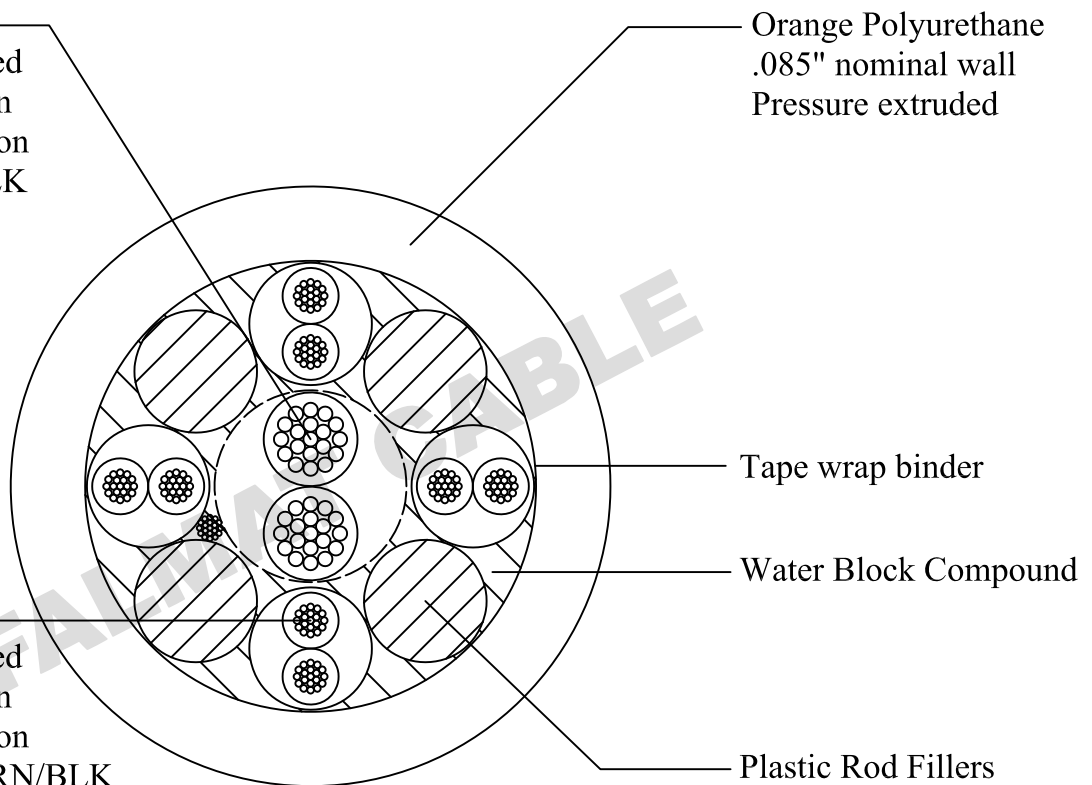
#14 Shielded Pair, 1:

#14 AWG tin-copper, stranded
with ETFE (Tefzel) insulation
rated for 600V, 150C operation
C/C: WHT/RED & WHT/BLK
2 ea. twisted into 1 ea. pair
Pressure extruded to round
with Polyurethane over pair
Braided tin-copper
95% coverage plus
1 #24 (19x.005) drain-wire

#22 Unshielded Pair, 4:

#22 AWG tin-copper, stranded
with ETFE (Tefzel) insulation
rated for 600V, 150C operation
C/C: WHT/GRN & WHT/GRN/BLK
WHT/BLU & WHT/BLU/BLK
WHT/ORN & WHT/ORN/BLK
WHT/BRN & WHT/BRN/BLK

2 ea. twisted into 4 ea. pairs
Pressure extruded to round
with Polyurethane on ea. pair



Nominal Overall Diameter = 0.600 inch
Weight in Air = 187 lbs/1,000 feet nominal
Weight in Sea = 61 lbs/1,000 feet nominal
Bend Radius = 6 inch minimum
#22 Pair Electrical Characteristics:
18 pF/FT nominal Mutual Capacitance
85 ohms nominal Characteristic Impedance

Designed for MBARI

January 26, 2004

NOT TO SCALE