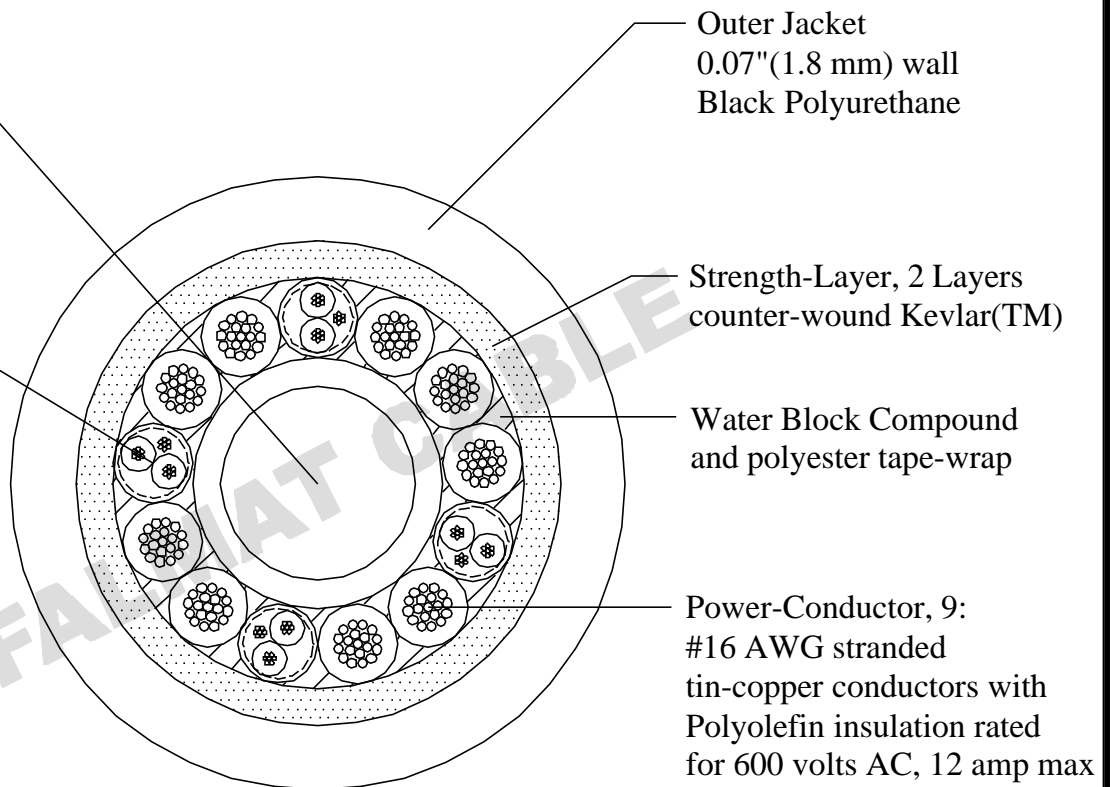


## Cable, Tow

### Part-Number FM070201-1CP

Nylon Hose, 1:  
0.242" (6.15 mm) ID  
0.313" (7.95 mm) OD

Shielded Pair, 4:  
2 each #24 AWG stranded  
tin-copper conductors with  
Polyolefin insulation rated  
for 300 volts AC, 1 amp max  
1 each #26 AWG stranded  
tin-copper Drain-Wire plus  
and AL/polyester tape-wrap.



Outer Jacket  
0.07"(1.8 mm) wall  
Black Polyurethane

Strength-Layer, 2 Layers  
counter-wound Kevlar(TM)

Water Block Compound  
and polyester tape-wrap

Power-Conductor, 9:  
#16 AWG stranded  
tin-copper conductors with  
Polyolefin insulation rated  
for 600 volts AC, 12 amp max

Overall Diameter = 0.70 inch (17.8 mm) nominal  
\*Weight in Air = 264 lbs/1,000 feet (393 kg/km) nominal  
\*Weight in Sea = 98 lbs/1,000 feet (146 kg/km) nominal  
\*Breaking Strength = 7,000 lbs (31 kn) nominal  
\*Peak Tension Load = 1,200 lbs (5.3 kn) maximum  
Bend Diameter = 24 inch (600 mm) minimum  
Operating Temperature = 0 to 120 F (-18 to +50 C)  
Storage Temperature = -22 to 158 F (-30 to +70 C)

\*NOTE: Calculations based on hose filled with Sea Water

Designed for Ocean Innovations

July 7, 02, 2001

NOT TO SCALE