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REVISION		
DESCRIPTION	DATE	APPROVAL

FIBER OPTICS-4 UNITS

4 Single mode fiber optics in a
gel-filled stainless steel tube
Polyethylene jacket

SINGLE CONDUCTORS-6 UNITS

Awg No. 15(18x0.0142")B/C
(Elastic construction)
DC Resistance @ 20° C ≤ 3.9 Ohms/1000 Ft
Polypropylene Insulation
Voltage rating: 600 V
Color code: 3-White
 3-Black

INTERSTICES WATERBLOCKED

TAPE

PVC/Mylar tape

JACKET

Polyurethane (Dacron reinforced)
Color: Black

STRENGTH MEMBER

Layers of Vectran™ with mylar tape
between layers

REINFORCEMENT BRAID

Dacron Cordage

JACKET

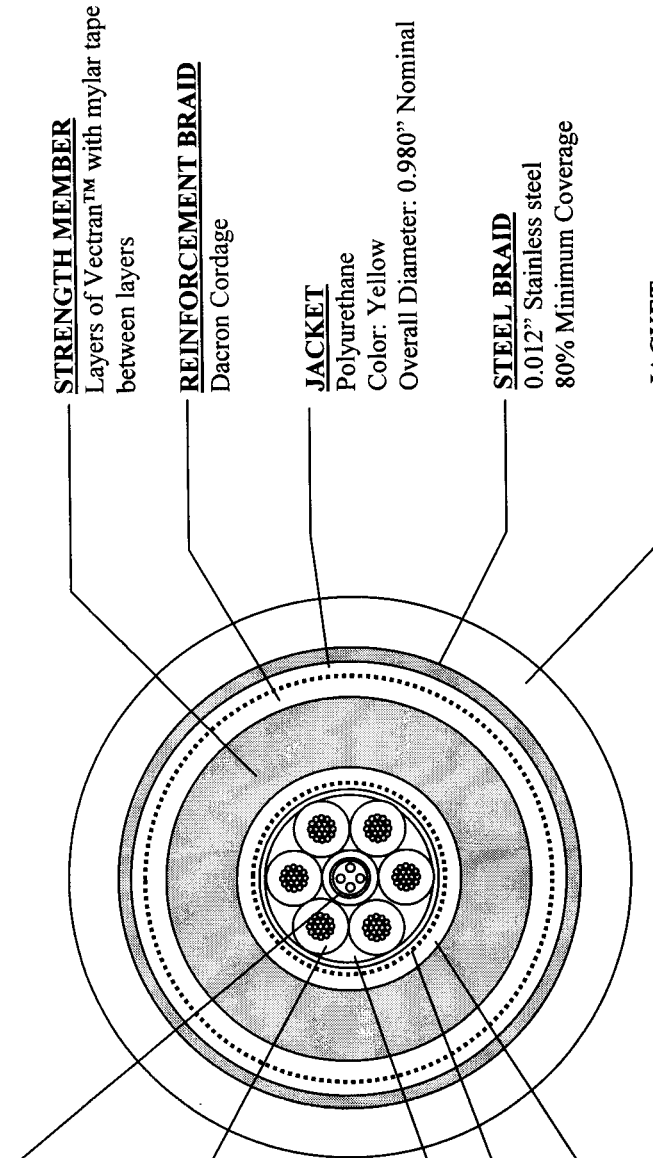
Polyurethane
Color: Yellow
Overall Diameter: 0.980" Nominal

STEEL BRAID

0.012" Stainless steel
80% Minimum Coverage

JACKET

Polyurethane
Color: Black



ESTIMATED VALUES

	1750 M Section	750 M Section
Nominal O.D. -----	0.980"	1.200"
Weight in Air -----	440 Lb/1000 Ft	720 Lb/1000 Ft
Weight in Seawater -----	105 Lb/1000 Ft	217 Lb/1000 Ft
Breaking Strength -----	50,000 Pounds	50,000 Pounds
Maximum Load -----	6,000 Pounds	6,000 Pounds
Min. Bend Diameter -----	36 Inches	42 inches

**South Bay
Cable**



Drawn	O.L.	7/15/03	Approval	
Checked			Approval	

E-O-M Cable

SB-44422