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REVISION		
DESCRIPTION	DATE	APPROVAL
A Helix Angles for Conductors and Braid Added	8/16/06	

FIBER OPTICS-4 UNITS

4 Single mode (SMF-28) fiber optics in a gel-filled stainless steel tube
Fiber optics are color coded

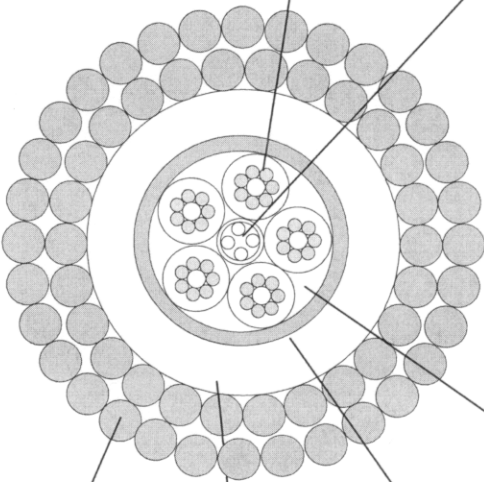
INTERSTICES WATERBLOCKED

STRENGTH MEMBER

Kevlar™ Braid
(25° Braid Angle)

SINGLE CONDUCTORS-5 UNITS

Awg No. 20(7x0.0126")B/C
(Elastic construction)
DC Resistance @ 20° C ≤ 10.8 Ohms/1000 Ft
Polypropylene insulation
Voltage rating: 600 V
Color code: Brown
Red
Orange
Yellow
Green
(Conductors Cabled at 15°)



JACKET

Polyurethane
Color: Orange

ARMOR (Applied on a specified section only)
Two layers GIPS

ESTIMATED VALUES

Nominal O.D. -----	0.300"	Armored	0.440"
Weight in Air -----	52 Lb/Mft		250 Lb/Mft
Weight in Seawater -----	20 Lb/Mft		193 lb/Mft
Breaking Strength -----	1,250 Pounds		
Maximum Load -----	250 pounds		
Min. Bend Diameter -----	12 inches		14 inches

South Bay
Cable



Drawn	O.L.	8/2/06	Approval		
Checked	L.L.	8/2/06	Approval		

E-O-M Cable

SB-45660 A