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REVISION

DESCRIPTION	DATE	APPROVAL
A Overall Diameter increased from 0.900"	8/30/07	

FIBER OPTICS-4 UNITS

4 # SMF-28 optics within a gel-filled stainless steel tube
High density polyethylene jacket (over tube)
Color: Black

POWER CONDUCTORS-2 UNITS

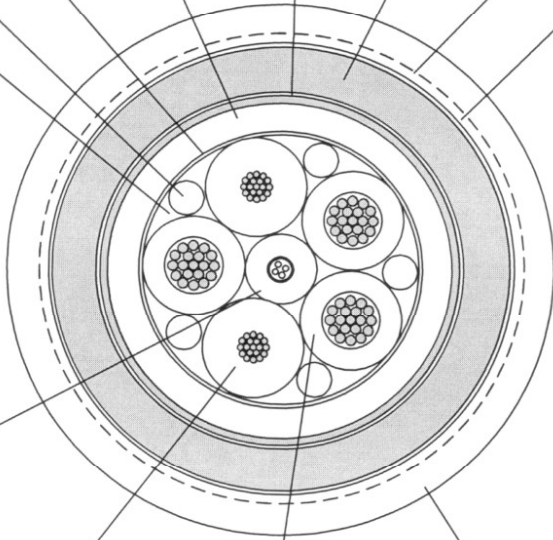
Awg No. 16(19 x 0.0113") B/C
DC Resistance @ 20° C ≤ 5.0 Ohms/1000 Ft
Polyethylene Insulation
Voltage Rating: 2,300 VAC
Color Code: 1-Red
1-Green

POWER CONDUCTORS-3 UNITS

Awg No. 12(19 x 0.0179") B/C
DC Resistance @ 20° C ≤ 2.0 Ohms/1000 Ft
Semi-conductive coating
Polyethylene insulation
Voltage Rating: 3,000 VAC
Color Code: 1-Brown
1-Orange
1-Yellow

OUTER JACKET

Polyurethane
Color: Yellow



INTERSTICES WATERBLOCKED

FILLERS
Plastic rods

TAPE
PVC Mylar Tape

INNER JACKET
Polyurethane
Color: yellow

SHIELD

Braided bare copper stranding: 20% nom. cov.
Aluminum/Mylar™ tape wrap over braided shield

STRENGTH MEMBER

Layers of contra-helically wound aramid fibers
Mylar™ tape between layers

JACKET REINFORCEMENT

Dacron™ cordage braid

TAPE

PVC/Mylar™ tape (under reinforcement braid)

ESTIMATED VALUES

Nominal O.D.	0.930"
Weight in Air	400 Lb/1,000 Feet
Weight in Seawater	95 Lb/1,000 Feet
Breaking Strength	25,000 Pounds
Maximum Load	5,000 Pounds
Min. Bend Diameter	27 Inches

South Bay Cable



Drawn	L.L.	8/29/07	Approval
Checked	O.L.	8/29/07	Approval

E-O-M CABLE

SB-46039 A