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REVISION			
	DESCRIPTION	DATE	APPROVAL
A	Color code sequence revised.	1/31/18	

FIBER OPTICS-6 UNITS

6 # SMF-28 optics within a gel-filled stainless steel tube
Fibers are color coded
High density polyethylene jacket (over tube)
Color: Black

POWER CONDUCTORS-3 UNITS

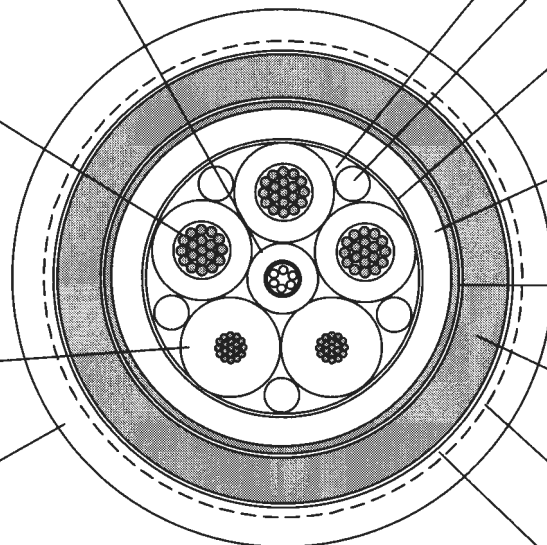
Awg No. 12(19 x 0.0179") B/C
DC Resistance @ 20° C ≤ 2.0 Ohms/1000 Ft
Semi-conductive coating
Polyethylene insulation
Voltage Rating: 3,000 VAC
Color Code: 1-Brown
 1-Orange
 1-Yellow

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

OUTER JACKET

Polyurethane
Color: Yellow (Printed as required)



INTERSTICES WATERBLOCKED

FILLERS

Plastic rods

TAPE

Heat Sealable 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
Polypropylene tape between layers

JACKET REINFORCEMENT

Dacron™ cordage braid

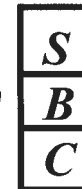
TAPE

Polypropylene 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	OL	6/27/17	Approval		
Checked			Approval		

E-O-M CABLE

SB-49528 A