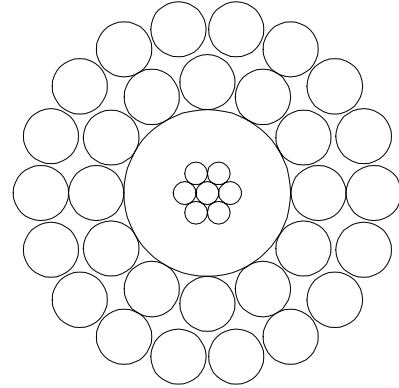


DATA LINE[®]

Description	Inch	mm
<u>CONDUCTOR</u> #18 AWG, 7/.0152" Bare Copper	0.046	1.17
<u>INSULATION</u> 0.033" Wall Polypropylene	0.112	2.84
<u>ARMOR</u> (2 Layers)		
1st Layer: 12/0.035" GIPS	0.182	4.62
2nd Layer: 18/0.035" GIPS	0.252	6.40



PROPRIETARY; Use Pursuant to Company Instructions

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PERFORMANCE CHARACTERISTICS

Nominal Values @ 20°C

	Metric	English
<u>PHYSICAL</u>		
Wt. in Air	170 kg/km	114 lb/kft
Wt. in Seawater	143 kg/km	96 lb/kft
Specific Gravity	6.6	6.6
 <u>MECHANICAL</u>		
Breaking Strength	28 kN	6,300 lbf
Working Load @ .4% Strain	9 kN	2,000 lbf
Recommended Bend Radius	13 cm	5"
 <u>ELECTRICAL</u>		
Voltage Rating	2,400 V	2,400 V
Insulation Resistance @ 500 Vdc	6,000 MΩ•km	20,000 MΩ•kft
dc Resistance	23.0 Ω/km	7.0 Ω/kft
Capacitance	138 pF/m	42 pF/ft
Characteristic Impedance		
@ 1 MHz	46 Ω	46 Ω
Attenuation		
@ 1 kHz	2.1 dB/km	0.65 dB/kft
@ 20 kHz	6.2 dB/km	1.90dB/kft

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