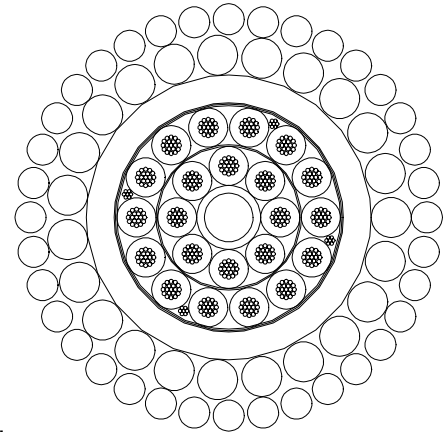


DATALINE®

Description	Inch	mm
<u>ELEMENT A; Power Single (22)</u>		
Cdr: # 16 AWG (1.23 mm ²) Cu	0.054	1.37
Ins: HDPE	0.106	2.69
<u>ASSEMBLY</u>		
Core: Fill rod	0.190	4.83
Layer 1; 8 Element A's. Void filled and bound with Adh/Poly tape.	0.402	10.21
Layer 2; 14 Element B's with 4 drain wires in interstices. Void filled and bound with AL and Adh/Poly tapes.	0.632	16.05
<u>BELT</u>		
Hytrel®	0.786	19.96
<u>ARMOR</u>		
Layer #1; 23/.111" GIPS	1.008	25.60
Layer #2; 36/.086" GIPS	1.180	29.97



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PROPRIETARY; Use Pursuant to Company Instructions

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PERFORMANCE CHARACTERISTICS

Nominal Values @ 20°C

	Metric	English
<u>PHYSICAL</u>		
Weight in Air	2,955 kg/km	1,986 lbs/kft
Weight In Sea Water	2,323 Kg/km	1,561 lbs/kft
Specific Gravity	5.0	5.0
<u>MECHANICAL</u>		
Breaking Strength	400 kN	90,000 lbf
Installation Load	98 kN	22,000 lbf
Recommended Bend Radius*	61 cm	24 inches
<u>ELECTRICAL</u>		
Voltage Rating	1,200 Volts	1,200 Volts
dc Resistance	16.2 Ω/km	4.95 Ω/kft
Insulation Resistance	3,000 MΩ•km	10,000 MΩ•kft

*Note: The relationship between sheave diameter and cable diameter is a critical factor used to establish a products fatigue resistance or relative serviceability. Operation over smaller than recommended sheave diameters may adversely affect service life

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