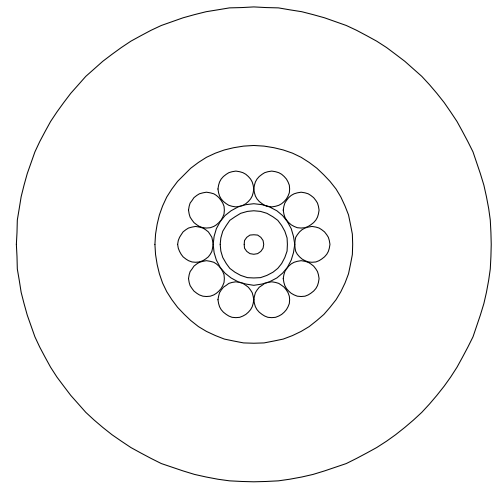


DATALINE®

Description	Inch	mm
<u>ELEMENT A: Steel-Light® (1)</u>		
Fiber: 8.3/125/245 µm Hermetic SM	0.010	0.25
Buffr: Hytrel®/Nylon	0.041	1.04
Aarmor: 10/.018" EIPS	0.077	1.96
Belt: Nylon	0.100	2.54
<u>JACKET</u>		
Polyurethane	0.240	6.10



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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	45 kg/km	30 lb/kft
Weight in Seawater	15 kg/km	10 lb/kft
Specific Gravity	1.5	1.5
<u>MECHANICAL</u>		
Breaking Strength	3.2 kN	700 lbf
Working Load	0.95 kN	210 lbf
Recommended Bend Radius*	13 cm	5 in
<u>OPTICAL</u>		
Attenuation Rate		
@ 1310 nm	0.50 dB/km	--
@ 1550 nm	0.30 dB/km	--

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

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