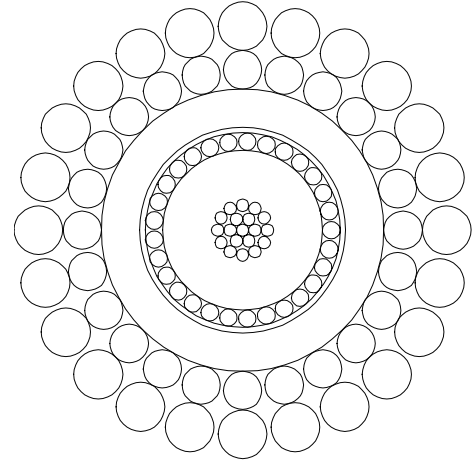


DATA LINE[®]

Description	Inch	mm
<u>COAX</u> (1)		
Cdr: #20 AWG (0.49mm ²) Cu	0.034	0.86
Ins: EPC	0.090	2.29
Served Return: #16 AWG (1.47 mm ²) Cu	0.110	2.79
Return Tape: Cu Polyester	0.117	2.97
Belt: EPC, Black	0.160	4.06
<u>ARMOR</u>		
24/0.0215" (0.55 mm) GEIPS	0.203	5.16
24/0.027" (0.69 mm) GEIPS	0.257	6.53



PROPRIETARY; Use Pursuant to Company Instructions

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PERFORMANCE CHARACTERISTICS

Nominal Values @ 20°C

Metric

English

PHYSICAL

Wt. in Air	153 kg/km	103 lb/kft
Wt. in Seawater	124 kg/km	83 lb/kft
Recommended Temperature Range	-15°C to 125°C	5°F to 250°F

MECHANICAL

Breaking Strength	23 kN	5,200 lbf
Working Load @ 0.39% Strain	5.3 kN	1,200 lbf
Recommended Bend Radius	13 cm	5 in

ELECTRICAL

Voltage Rating	1,800 Volts	1,800 Volts
Insulation Resistance @ 500 Vdc		
cdr.	3,000 MΩ•km	10,000 MΩ•kft
shield	1,500 MΩ•km	5,000 MΩ•kft
dc Resistance		
cdr.	39.4 Ω/km	12.0 Ω/kft
shield	13.1 Ω/km	4.0 Ω/kft
Attenuation		
@ 1 MHz	18.4 dB/km	5.6 dB/kft
@ 10 MHz	58.4 dB/km	17.8 dB/kft
Capacitance	125 pF/m	38 pF/ft
Characteristic Impedance @ 1 MHz	42 Ω	42 Ω

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