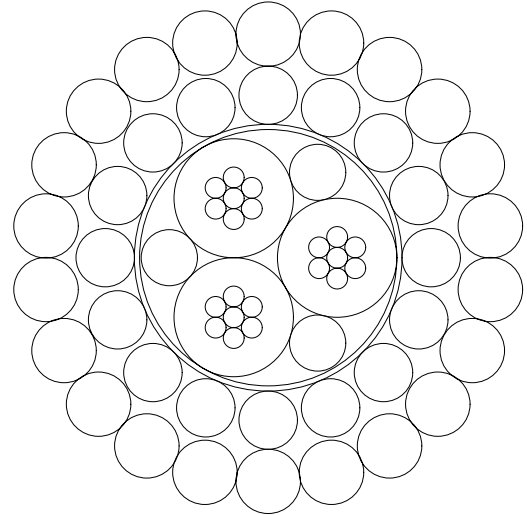


# DATA LINE®

Description	mm	Inch
<u>CONDUCTORS</u> (3) #18 AWG, 7/0.0152" (0.39 mm) Bare Copper	1.17	0.046
<u>INSULATION</u> (3) 0.025" (0.64 mm) Wall EPC	2.41	0.095
<u>CORE</u> 3 insulated cdrs twisted with fillers as necessary. Voids filled with free- stripping semiconductive material. Semiconductive tape over core.	4.95	0.195
<u>ARMOR</u> : Galv. HS Steel		
Inner: 16/0.0425" (1.08 mm)	7.11	0.280
Outer: 20/0.047" (1.19 mm)	9.50	0.374



## CABLE CHARACTERISTICS (Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	9.50 mm	0.374 in
Weight in Air	359 kg/km	241 lb/kft
Weight in Freshwater	300 kg/km	201 lb/kft
Temperature Rating, normal	135°C	275°F
intermittent	149°C	300°F
<u>MECHANICAL</u>		
Breaking Strength	66 kN	14,900 lbf
Bend Diameter	46 cm	18 in
Elongation (approximate)	0.27 m/km/kN	1.2 ft/kft/klbf
<u>ELECTRICAL</u>		
Voltage Rating	1,200 Vdc	1,200 Vdc
Insulation Resistance @ 500 Vdc	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
cdr	23.3 Ω/km	7.1 Ω/kft
armor	5.9 Ω/km	1.8 Ω/kft
Capacitance (cdr - armor)	164 pF/m	50 pF/ft
Velocity of Propagation @ 1 MHz	67%	67%

PROPRIETARY; Use Pursuant to Company Instructions