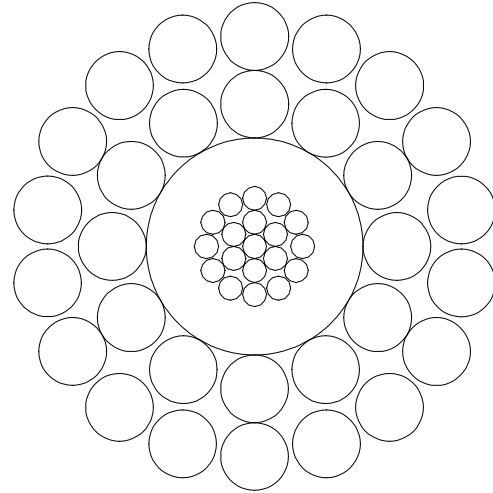


DATA LINE®

Description	mm	Inch
<u>CONDUCTOR</u> #14 AWG, 19/0.0142" (0.36 mm) Bare Copper	1.73	0.068
<u>INSULATION</u> 0.0355" (0.90 mm) Wall FEP/ETFE	3.53	0.139
<u>ARMOR</u> Special Galv. HS Steel Inner: 12/0.040" (1.02 mm) Outer: 18/0.040" (1.02 mm)	5.28 7.32	0.208 0.288



CABLE CHARACTERISTICS (Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	7.32 mm	0.288 in
Weight in Air	235 kg/km	158 lb/kft
Weight in Freshwater	201 kg/km	135 lb/kft
Temperature Rating, normal	246°C	475°F
intermittent	260°C	500°F
<u>MECHANICAL</u>		
Breaking Strength	45.8 kN	10,300 lbf
Bend Diameter	41 cm	16 in
Elongation (approximate)	0.36 m/km/kN	1.6 ft/kft/klbf
<u>ELECTRICAL</u>		
Voltage Rating	1,500 V	1,500 V
Insulation Resistance @ 500 Vdc	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
cdr	9.2 Ω/km	2.8 Ω/kft
armor	8.9 Ω/km	2.7 Ω/kft
Capacitance (cdr - armor)	177 pF/m	54 pF/ft
Velocity of Propagation @ 1 MHz	66%	66%

PROPRIETARY; Use Pursuant to Company Instructions