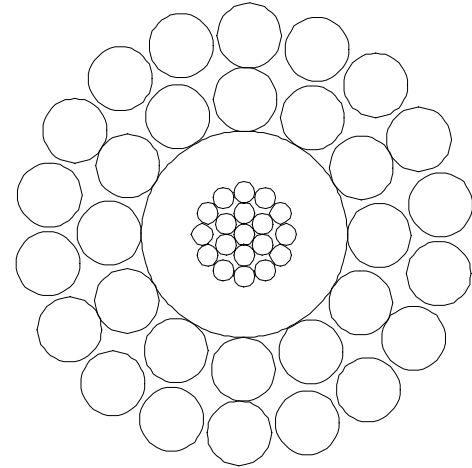


# DATA LINE®

Description	mm	Inch
<u>CONDUCTOR</u> #14 AWG, 19/0.0142" (0.36mm) BC	1.73	0.068
<u>INSULATION</u> 0.057" (1.45 mm) Wall FEP/ETFE	4.65	0.183
<u>ARMOR</u> : Spec. GIPS Wire inner: 12/0.052" (1.32 mm)	6.88	0.271
outer: 18/0.052" (1.32 mm)	9.53	0.375



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

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	9.53 mm	0.375 in
Wt. in Air	391 kg/km	263 lb/kft
Wt. in Freshwater	333 kg/km	224 lb/kft
Temperature Rating, normal	246 °C	475 °F
intermittent	260 °C	500 °F
<u>MECHANICAL</u>		
Breaking Strength	64.9 kN	14,600 lbf
Bend Diameter	51 cm	20 in
Elongation (approx)	0.22 m/km/kN	1.0 ft/kft/klbf
<u>ELECTRICAL</u>		
Voltage Rating	2,000 V	2,000 V
Insulation Resistance @ 500 Vdc	15,000 MS@m	50,000 MS@ft
dc Resistance		
cdr	9.5 Ω/km	2.9 Ω/kft
armor	5.2 Ω/km	1.6 Ω/kft
Capacitance (cdr-armor)	138 pF/m	42 pF/ft
Velocity of Propagation @ 1 MHz	65%	65%

PROPRIETARY; Use Pursuant to Company Instructions

**tyco** / Electronics / **The Rochester Corporation**

Rochester Stock Type 1-H-375K (18 x 12 Armor)			
<b>Date</b>	<b>Page</b>	<b>Revision</b>	<b>Part No.</b>
05/03/2004	1	D	A216378