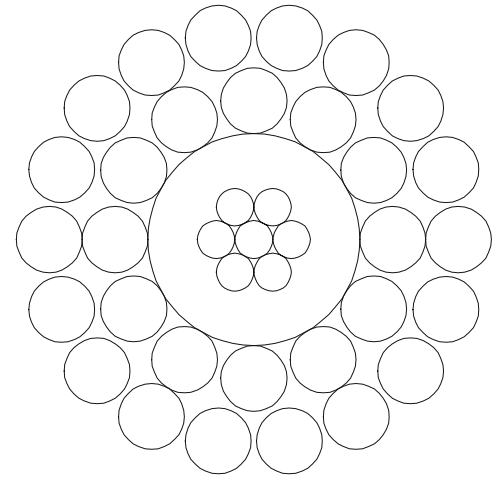


DATA LINE®

Description	mm	Inch
<u>CONDUCTOR</u> #24 AWG, 7/0.008" (0.20mm) BC	0.61	0.024
<u>INSULATION</u> 0.0125" (0.32mm) Wall EPC	1.24	0.049
<u>ARMOR</u> : Spec. GIPS Wire inner: 12/0.014" (0.36mm)	1.85	0.073
outer: 18/0.014" (0.36mm)	2.56	0.101



CABLE CHARACTERISTICS

(Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	2.56 mm	0.101"
Wt. in Air	28.3 kg/km	19 lb/kft
Wt. in Freshwater	23.8 kg/km	16 lb/kft
Temperature Rating, normal	135 °C	275 °F
intermittent	149 °C	300 °F
<u>MECHANICAL</u>		
Breaking Strength	4.4 kN	1,000 lbf
Bend Diameter	15 cm	6 inches
<u>ELECTRICAL</u>		
Voltage Rating	600 Vdc	600 Vdc
Insulation Resistance @ 500 Vdc	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
cdr	82.7 Ω/km	25.2 Ω/kft
armor	72.8 Ω/km	22.2 Ω/kft
Capacitance (cdr-armor)	164 pF/m	50 pF/ft
Velocity of Propagation @ 1 MHz	67%	67%

PROPRIETARY; Use Pursuant to Company Instructions

tyco / Electronics / **The Rochester Corporation**

Rochester Stock Type 1-H-100A			
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