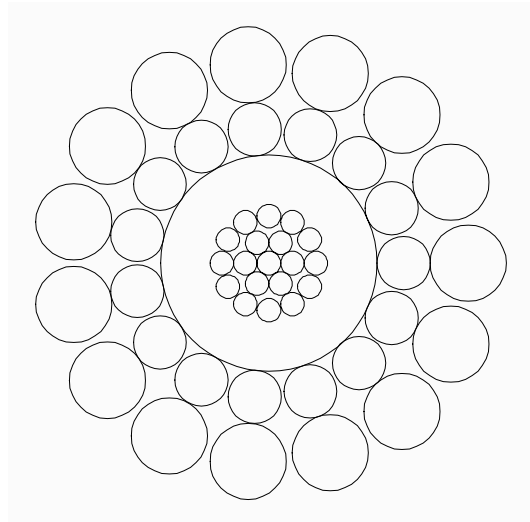


DATA LINE®

Description	mm	Inch
<u>CONDUCTOR</u> #16 AWG, 19/0.0113" (0.29 mm) Bare Copper	1.37	0.054
<u>INSULATION</u> 0.0275" (0.70 mm) Wall FEP/ETFE	2.77	0.109
<u>ARMOR</u> Special GEIPS Wire Inner: 15/0.0245" (0.62 mm) Outer: 15/0.036" (0.91 mm)	3.86 5.69	0.152 0.224



CABLE CHARACTERISTICS (Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	5.69 mm	0.224 in
Weight in Air	141 kg/km	95 lb/kft
Weight in Freshwater	120 kg/km	81 lb/kft
Temperature Rating, normal	246°C	475°F
intermittent	260°C	500°F
<u>MECHANICAL</u>		
Breaking Strength	24.9 kN	5,600 lbf
Bend Diameter	35 cm	14 in
Elongation (approximate)	0.63 m/km/kN	2.8 ft/kft/klbf
<u>ELECTRICAL</u>		
Voltage Rating	1,200 V	1,200 V
Insulation Resistance @ 500 Vdc	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
cdr	14.8 Ω/km	4.5 Ω/kft
armor	15.1 Ω/km	4.6 Ω/kft
Capacitance (cdr - armor)	190 pF/m	58 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-224K (15 X 15 Armor)			
Date	Page	Revision	Part No.
03/25/2004	1	A	A216218