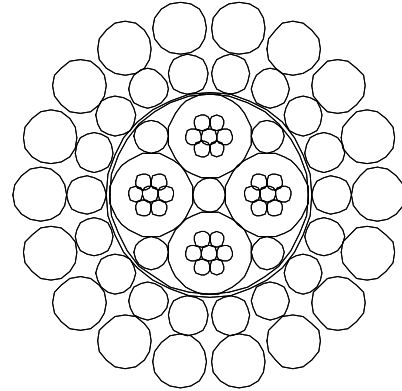


DATA LINE®

Description	mm	Inch
<u>CONDUCTOR</u> (4) #22 AWG, 7/0.010" (0.25 mm) BC	0.76	0.030
<u>INSULATION</u> 0.013" (0.33 mm) Wall EPC	1.42	0.056
<u>CORE</u> 4 insulated cdrs twisted with fillers as necessary. Semiconductive tape over core.	3.33	0.131
<u>ARMOR</u> : Special GIPS Wire		
Inner: 18/0.025" (0.64 mm)	4.60	0.181
Outer: 18/0.0345" (0.88 mm)	6.35	0.250



CABLE CHARACTERISTICS (Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	6.35 mm	0.250"
Weight in Air	159 kg/km	107 lb/kft
Weight in Freshwater	132 kg/km	89 lb/kft
Temperature Rating, normal	135°C	275°F
intermittent	149°C	300°F
<u>MECHANICAL</u>		
Breaking Strength	25.8 kN	5,800 lbf
Bend Diameter	35 cm	14 in
Elongation (approximate)	0.63 m/km/kN	2.8 ft/kft/klbf
<u>ELECTRICAL</u>		
Voltage Rating	600 Vdc	600 Vdc
Insulation Resistance @ 500 Vdc	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
cdr	54.5 Ω/km	16.6 Ω/kft
armor	13.1 Ω/km	4.0 Ω/kft
Capacitance (cdr-armor)	151 pF/m	46 pF/ft
Velocity of Propagation @ 1 MHz	67%	67%

PROPRIETARY; Use Pursuant to Company Instructions

tyco / Electronics / **The Rochester Corporation**

Rochester Stock Type 4-H-250A (18 X 18 Armor)			
Date	Page	Revision	Part No.
04/22/2003	1	M	A240250