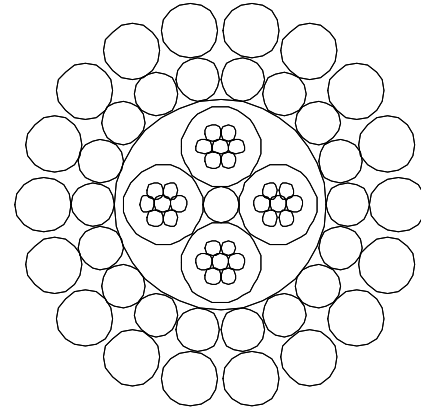


DATA LINE[®]

Description	mm	Inch
<u>CONDUCTORS</u> (4) #24 AWG, 7/.008" (0.20mm) BC	0.61	0.024
<u>INSULATION</u> 0.008" (0.20mm) Wall EPC	1.02	0.040
<u>CORE</u> 4 insulated cdrs twisted with fillers as necessary. Protective bedding over core.	2.49	0.098
<u>ARMOR</u> : Special GIPS Wire		
Inner: 18/0.0185" (0.47mm)	3.43	0.135
Outer: 18/0.0255" (0.65mm)	4.72	0.186



CABLE CHARACTERISTICS (Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	4.72 mm	0.186"
Wt. in Air	89 kg/km	60 lb/kft
Wt. in Fresh Water	75 kg/km	50 lb/kft
Temperature Rating, normal	135 °C	275 °F
intermittent	149 °C	300 °F
<u>MECHANICAL</u>		
Breaking Strength (Minimum)	14.7 kN	3,300 lbf
Bend Diameter	25 cm	10 in
Elongation (approx)	1.15 m/km/kN	5.1 ft/kft/klbf
<u>ELECTRICAL</u>		
Voltage Rating	400 Vdc	400 Vdc
Insulation Resistance	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
cdr	85.3 Ω/km	26.0 Ω/kft
armor	23.0 Ω/km	7.0 Ω/kft
Capacitance (cdr-armor)	131 pF/m	40 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-181A			
Date	Page	Revision	Part No.
04/28/04	1	P	A240185