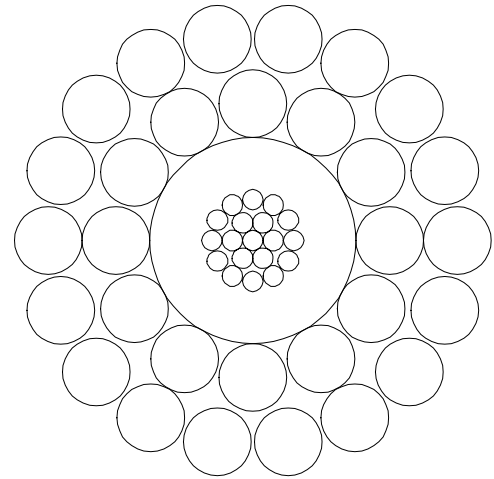


DATA LINE[®]

Description	mm	Inch
CONDUCTOR #14 AWG, 19/0.0142" (0.36 mm) Nickel-plated Copper	1.73	0.068
INSULATION –Dual Pass 0.042" (1.07mm) Wall PFA/ETFE	3.86	0.152
ARMOR: 31Mo Alloy inner: 12/0.044" (1.12mm) outer: 18/0.044" (1.12mm)	5.79 8.03	0.228 0.316



CABLE CHARACTERISTICS

(Nominal Values @ 20°C)

	Metric	English
PHYSICAL		
Overall Dimensions	8.03 mm	0.316 in
Wt. in Air	289 kg/km	194 lb/kft
Wt. in Freshwater	246 kg/km	165 lb/kft
Temperature Rating, normal	246 °C	475 °F
intermittent	260 °C	500 °F
MECHANICAL		
Breaking Strength	40 kN	9,000 lbf
Bend Diameter	43 cm	17 in
Elongation (approx)	0.29 m/km/kN	1.3 ft/kft/klbf
ELECTRICAL		
Voltage Rating	1,800 V	1,800 V
Insulation Resistance @ 500 Vdc	15,000 MS@m	50,000 MS@ft
dc Resistance		
cdr	10.8 Ω/km	3.3 Ω/kft
armor	29.5 Ω/km	9.0 Ω/kft
Capacitance (cdr-armor)	157 pF/m	48 pF/ft
Velocity of Propagation @ 1 MHz	66%	66%

PROPRIETARY; Use Pursuant to Company Instructions

tyco / Electronics / **The Rochester Corporation**

Rochester Stock Type 1-H-314k (PFA/ETFE Insulation, 31Mo Alloy Armor)			
Date	Page	Revision	Part No.
10/09/2003	1	D	A210316