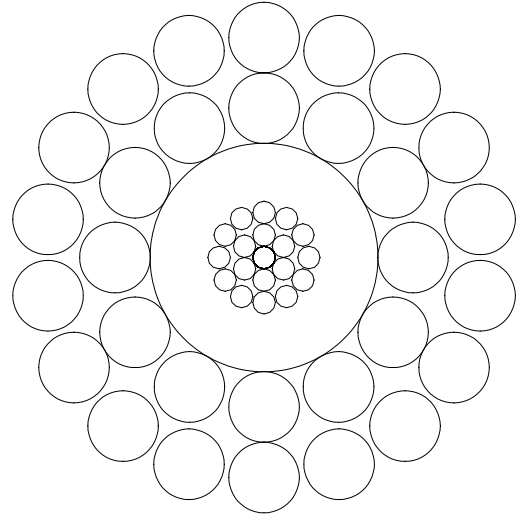


DATA LINE[®]

Description	mm	Inch
<u>CONDUCTOR</u> #14 AWG, 19/0.0142" (0.36 mm) Bare Copper	1.73	0.068
<u>INSULATION</u> - Dual Pass 0.044" (1.12 mm) Wall FEP/ETFE	3.96	0.156
<u>ARMOR</u> : Galv. HS Steel		
Inner: 12/0.0445" (1.13 mm)	5.92	0.233
Outer: 18/0.0445" (1.13 mm)	8.18	0.322



CABLE CHARACTERISTICS (Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	8.18 mm	0.322 in
Weight in Air	291 kg/km	196 lb/kft
Weight in Freshwater	248 kg/km	167 lb/kft
Temperature Rating, normal	246°C	475°F
intermittent	260°C	500°F
<u>MECHANICAL</u>		
Breaking Strength	55.2 kN	12,400 lbf
Bend Diameter	46 cm	18 in
Elongation (approximate)	0.29 m/km/kN	1.3 ft/kft/klbf
<u>ELECTRICAL</u>		
Voltage Rating	1,800 V	1,800 V
Insulation Resistance @ 500 Vdc	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
cdr	9.2 Ω/km	2.8 Ω/kft
armor	7.2 Ω/km	2.2 Ω/kft
Capacitance (cdr - armor)	157 pF/m	48 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-322K (FEP/ETFE Insulation)			
Date	Page	Revision	Part No.
07/21/2004	1	A	A216321