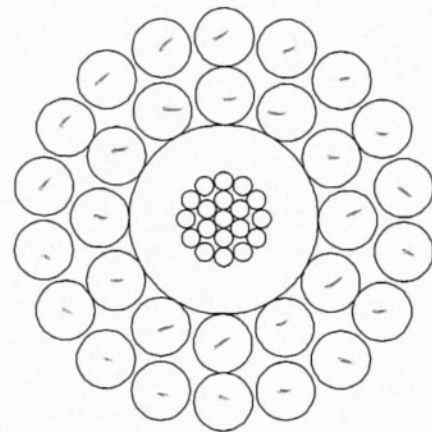


751 Old Brandy Road
 Culpeper, Virginia 22701

Tele: 540 825-2111
 Fax: 540 825-2238

DATA LINE®

Description	mm	Inch
CONDUCTOR	1.37	0.054
#16 AWG, 19/0.0113" (0.29 mm) Bare Copper		
INSULATION	2.72	0.107
0.0265" (0.67 mm) Wall FEP/ETFE		
ARMOR Special Galv. HS Steel		
Inner: 12/0.031" (0.79 mm)	4.09	0.161
Outer: 18/0.031" (0.79 mm)	5.66	0.223



CABLE CHARACTERISTICS (Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	5.66 mm	0.223 in
Weight in Air	144 kg/km	97 lb/kft
Weight in Freshwater	124 kg/km	83 lb/kft
Temperature Rating, normal	246°C	475°F
intermittent	260°C	500°F
<u>MECHANICAL</u>		
Breaking Strength	27.1 kN	6,100 lbf
Bend Diameter	30 cm	12 in
Elongation (approximate)	0.58 m/km/kN	2.6 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	14.8 Ω/km	4.5 Ω/kft
Capacitance (cdr - armor)	190 pF/m	58 pF/ft
Velocity of Propagation @ 1 MHz	65%	65%

PROPRIETARY; Use Pursuant to Company Instructions

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Rochester Stock Type 1-H-220K (with blocked inner armor)			
Date	Page	Revision	Part No.
06/29/2004	1	F	A219215