

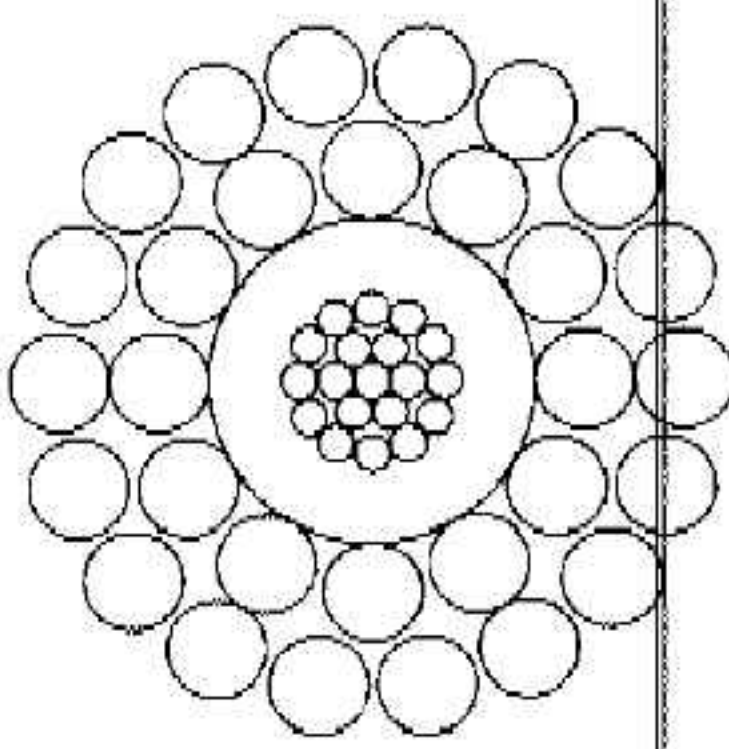
Rochester 1-H-220D 单芯 204  
度电缆

the **ROCHESTER**  
corporation

751 Old Brandy Road, Culpeper, Virginia 22701  
Phone: (540) 825-2111 Fax: (540) 825-2238

# DATA LINE®

	(mm)	(in)
<b>Conductor</b>	1.37	.054
#16 AWG, 19/0113" (.29mm) BC		
<b>Insulation</b>	2.72	.107
.0265" (.67mm) Wall DAI X		
<b>Armor: Spec GIPS Wire (Blocked Armor)</b>		
inner: 12/.031" (.79mm)	4.09	.161
outer: 18/.031" (.79mm)	5.66	.223



Cable Characteristics	Metric	English
(Nominal Values @ 20 °C)		
<b>Physical</b>		
Overall Dimensions	5.66 mm	.223 in.
Wt. in Air	141 kg/km	95 lb/kft
Wt. in Freshwater	119 kg/km	80 lb/kft
Temperature Rating, normal	204 °C	400 °F
intermittent	216 °C	420 °F
<b>Mechanical</b>		
Breaking Strength	24.5 kN	5,500 lbf
Bend Diameter	30 cm	12 in.
Elongation	0.58 m/km/kN	2.6 ft/kft/klbf
<b>Electrical</b>		
Voltage Rating	1,200 Vdc	1,200 Vdc
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 @ 1 kHz (cdr-armor)	223 pF/m	68 pF/ft
Velocity of Propagation @ 1 MHz	62%	62%