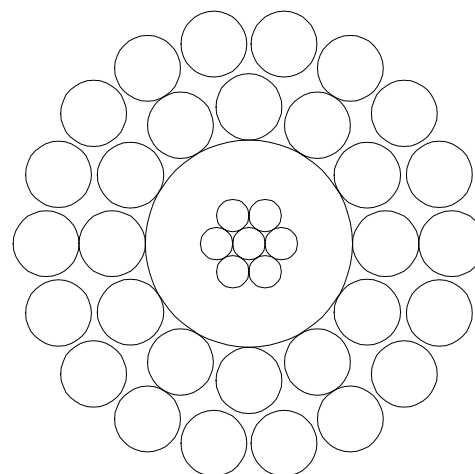


DATA LINE®

Description	mm	Inch
CONDUCTOR	1.17	0.046
#18 AWG, 7/0.0152" (0.39 mm) Nickel-Plated Copper		
INSULATION - Dual Pass	2.72	0.107
0.0305" (0.76 mm) Wall PFA/ETFE		
ARMOR : UNS S31277 (27-7MO Alloy)		
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)

PHYSICAL

Overall Dimensions	5.66 mm	0.223 in
Weight in Air	142 kg/km	95 lb/kft
Weight in Freshwater	121 kg/km	81 lb/kft
Temperature Rating, normal	246°C	475°F
intermittent	260°C	500°F
PREN (armor)	56	56

MECHANICAL

Breaking Strength	21.8 kN	4,900 lbf
Bend Diameter	30 cm	12 in
Elongation (approximate)	0.58 m/km/kN	2.6 ft/kft/klbf

ELECTRICAL

Voltage Rating	1,200 Vdc	1,200 Vdc
Insulation Resistance @ 500 Vdc	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
cdr	25.3 Ω/km	7.7 Ω/kft
armor	73.2 Ω/km	22.3 Ω/kft
Capacitance (cdr - armor)	148 pF/m	45 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-226K
(with UNS S31277 [27-7MO] Armor)

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02/05/2004	1		06055