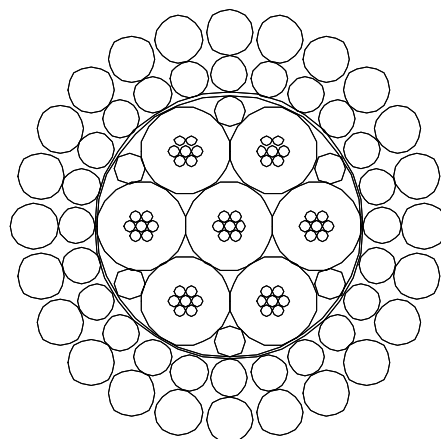


DATA LINE[®]

Description	mm	Inch
<u>CONDUCTORS</u> (7) #20 AWG, 7/0.0126" (0.32 mm) Nickel-Plated Copper	0.97	0.038
<u>INSULATION</u> - Dual Pass 0.030" (0.76 mm) Wall FEP/ETFE	2.49	0.098
<u>CORE</u> 6 insulated cdrs around 1 with fillers as necessary. Voids filled with free-stripping semiconductive material. Semiconductive tape over core.	7.24	0.285
<u>ARMOR</u> : UNS N08926 (31MO) Inner: 24/0.039" (0.99 mm) Outer: 24/0.0495" (1.26 mm)	9.22 11.73	0.363 0.462



CABLE CHARACTERISTICS

(Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	11.73 mm	0.462 in
Weight in Air	527 kg/km	354 lb/kft
Weight in Freshwater	433 kg/km	291 lb/kft
Temperature Rating, normal	246°C	475°F
intermittent	260°C	500°F
<u>MECHANICAL</u>		
Breaking Strength	69.4 kN	15,600 lbf
Bend Diameter	51 cm	20 in
Elongation (approximate)	0.20 m/km/kN	0.9 ft/kft/klbf
<u>ELECTRICAL</u>		
Voltage Rating	1,200 Vdc	1,200 Vdc
Insulation Resistance @ 500 Vdc	15,000 MΩ•km	50,000 MΩ•kft
dc Resistance		
conductor	38.1 Ω/km	11.6 Ω/kft
armor	21.3 Ω/km	6.5 Ω/kft
Capacitance (cdr – armor)	131 pF/m	40 pF/ft
Velocity of Propagation @ 1 MHz	65%	65%

PROPRIETARY; Use Pursuant to Company Instructions

tyco / Electronics / **The Rochester Corporation**

Rochester Stock Type 7-H-464K
(with UNS N08926 Armor)

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02/06/2004	1		06057