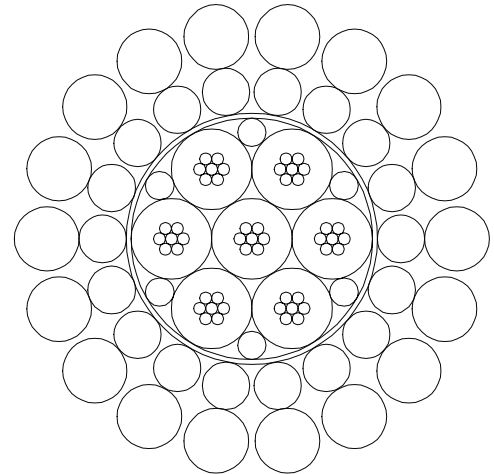


DATA LINE[®]

Description	mm	Inch
<u>CONDUCTORS</u> (7) #20 AWG, 7/0.0126" (0.32 mm) Bare Copper	0.97	0.038
<u>INSULATION</u> – Dual Pass 0.0235" (0.60 mm) Wall FEP/ETFE	2.16	0.085
<u>CORE</u> 6 insulated cdrs around 1 with fillers as necessary. Voids filled with free-stripping semiconductive material. Semiconductive tape over core.	6.35	0.250
<u>ARMOR</u> : Galv. HS Steel		
Inner: 18/0.047" (1.19 mm)	8.74	0.344
Outer: 18/0.065" (1.65 mm)	12.04	0.474



CABLE CHARACTERISTICS

(Nominal Values @ 20°C)

	Metric	English
<u>PHYSICAL</u>		
Overall Dimensions	12.04 mm	0.474 in
Weight in Air	587 kg/km	395 lb/kft
Weight in Freshwater	492 kg/km	331 lb/kft
Temperature Rating, normal	246°C	475°F
intermittent	260°C	500°F
<u>MECHANICAL</u>		
Breaking Strength	109 kN	24,500 lbf
Bend Diameter	66 cm	26 in
Elongation (approximate)	0.18 m/km/kN	0.8 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	32.8 Ω/km	10.0 Ω/kft
armor	3.6 Ω/km	1.1 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 7-H-472K
(FEP/ETFE INSULATION)

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