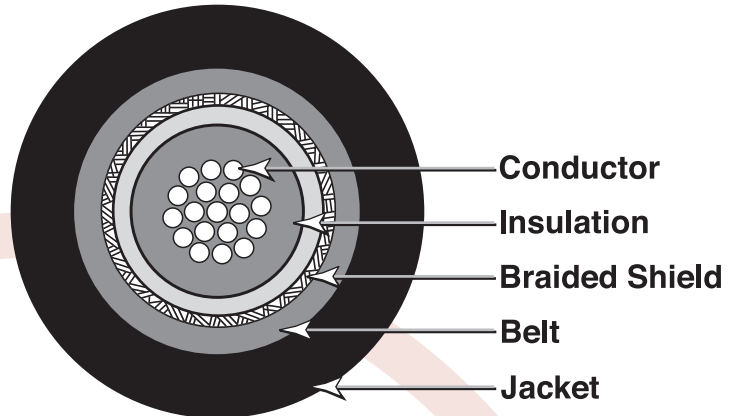


A302250

Type CN4
Rev P.

Cable Construction			
Conductor	20 AWG 19/.0071" Tinned Copper	O.D.	
		Inch	mm
Insulation	.041" Teflon	.116	2.95
Braided Shield	36 AWG Tinned Copper	.138	3.51
Belt	.0285" EPR	.195	4.95
Jacket	.030" Neoprene	.255	6.48



Cable Characteristics (Nominal Values)

Physical	
Weight in Air	44 lb/kft
Temperature Range	-30°C - 90°C -20°F - 200°F 1000 psi
Weight in Freshwater	22 lb/kft
Specific Gravity in Freshwater	2.0

Electrical	
Voltage Rating	
Conductor	1,000 volts
dc Resistance	
Conductor	≤ 12.5 Ω/kft
Shield	≤ 5.5 Ω/kft
Velocity of Propagation	70.36%
Rating Current	6 amps
Dielectric Strength	7800 vdc
IR Resistance	
@ 500 vdc	1000 m Ω/kft

Attenuation	
@ 1 MHz	≤ 5.0 dB/kft

Capacitance	
@ 1 kHz	30 pF/ft

Characteristic Impedance	
@ 1 MHz	55 ± 5 Ω

Mechanical	
Minimum Bend Radius	3"
Breaking Strength	75 lb/f
Working Load	19 lb/f
Pressure Rating	1000 psi

