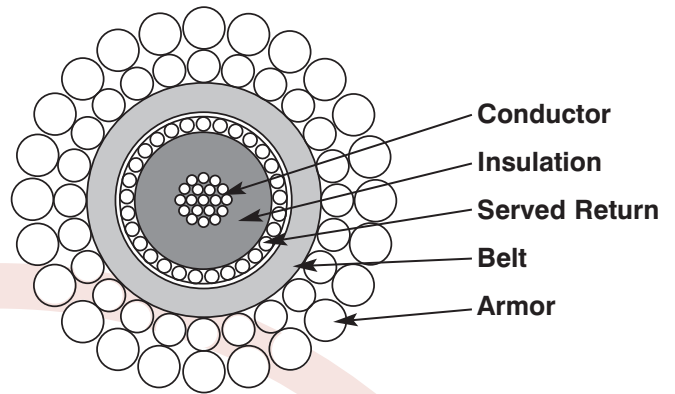


# VIDEO INSPECTION CABLE

**A304874**

CONDUCTOR Coax (1)			
		metric	english
Conductor	20 AWG 19/.0071 Bare Copper	0.86 mm	.034"
Insulation	Polypropylene	2.29 mm	.090"
Served Return	16 AWG	2.79 mm	.110"
Return Tape	Cu Polyester	2.97 mm	.117"
Belt	Polypropylene, Black	4.06 mm	.160"



CABLE CONSTRUCTION				
Armor				
		metric	english	Break Strength Per Wire
First Layer	24/.0215" GEIPS	5.16 mm	.203"	96 lbs.
Second Layer	24/.027" GEIPS	6.53 mm	.257"	158 lbs.

## Cable Characteristics (Nominal Values @ 20°C)

Physical		
	metric	english
Weight in Air	153 kg/km	103 lb/kft
Weight in Sea Water	124 kg/km	83 lb/kft
Recommended Temperature Range	-15°C to 125°C	5°F to 250°F

Attenuation		
Element A		
	metric	english
@ 1 MHz	18.4 dB/km	5.6 dB/kft
@ 10 MHz	58.4 dB/km	17.8 dB/kft

Mechanical		
	metric	english
Breaking Strength	23 kN	5,200 lbf
Working Load @ .39% Strain	5.3 kN	1,200 lbf
Minimum Bend Radius	13 cm	5"

Capacitance		
	metric	english
@ 1 kHz	125 pF/m	38 pF/ft

Characteristic Impedance		
	metric	english
@ 1 MHz	42 Ω	42 Ω

Electrical			
		metric	english
Voltage Rating		1800 Volts	1800 Volts
Insulation Resistance @ 500 Vdc	cond.	3,000 MΩ-km	10,000 MΩ-kft
	shield	1,500 MΩ-km	5,000 MΩ-kft
dc Resistance	cond.	39.4 Ω/km	12.0 Ω/kft
	shield	13.1 Ω/km	4.0 Ω/kft