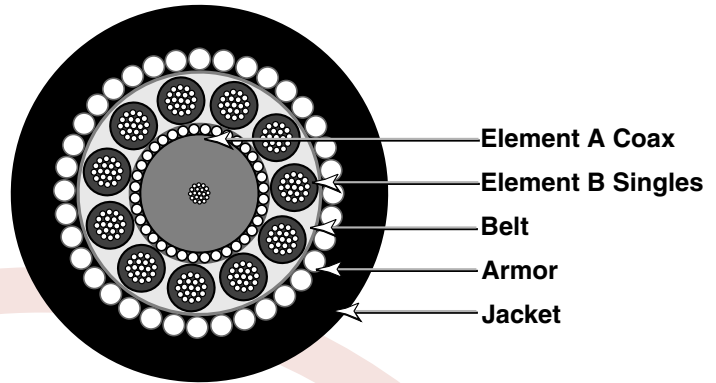


VIDEO INSPECTION CABLE

A300092

ELEMENT A (Coax) 1 - required		
Conductor	22 AWG 19/.0063 Bare Copper	.030"
Insulation	.0735" Wall LDPE	.177"
Served Return left helix	26 AWG Bare Copper 95% coverage	.208"
Tape Return	Copper Polyester	.213"



ELEMENT B (Singles) 11 - required		
Conductor	18 AWG 19/.0092 Bare Copper	.045"
Insulation	.012" Wall PP	.069"
Colors	1 White, 1 Red, 1 Black, 4 Orange, and 4 Green	

Cable Construction		
Cable Assembly	Twist 11-B around A	.351"
Belt	.015" Wall Hytrel, Black	.381"
Armor (single layer)	36/.032" Galvanized IPS	.445"
Jacket	.075" Wall Hytrel, Black	.595"

Cable Characteristics (Nominal Values @ 20°C)

Physical	
Weight in Air	305 lb/kft
Weight in Sea Water	181 lb/kft
Operating Temperature Range (metric)	-15°C to 80°C

Mechanical	
Breaking Strength	6,600 lbf
Recommended Working Load	1,600 lbf
Recommended Minimum Bend Radius	12"

Electrical	
Voltage Rating	
Element A, cond. to return	1,000 volts
Element B	600 volts
dc Resistance	
Element A, conductor	15.5 Ω/kft
Element A, return	1.5 Ω/kft
Element B	7.8 Ω/kft

Attenuation	
@ .5 MHz	2.2 dB/kft
@ 1 MHz	3.3 dB/kft
@ 5 MHz	6.9 dB/kft
@ 10 MHz	9.7 dB/kft
@ 12 MHz	10.6 dB/kft
@ 15 MHz	11.9 dB/kft

Capacitance @ 1 kHz	
Element A	21 pF/ft

Characteristic Impedance	
Element A @ 1 MHz	76 Ω

Insulation Resistance	
Element A	90,000 MΩ-kft
Element B	10,000 MΩ-kft



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