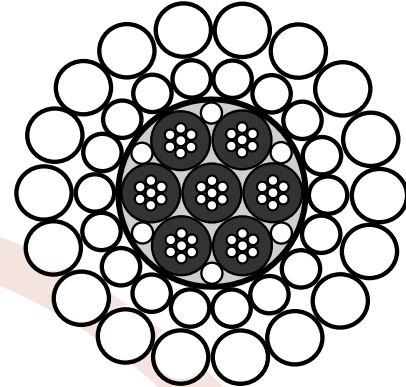


# VIDEO INSPECTION CABLE

**A276463**

Cable Construction			
		mm	inch
Conductor (7)	20 AWG 7/.0126" Bare Copper	.97	.038
Insulation	.029" Wall EPC	2.44	.096
Core	6 insulated conds. around 1 with fillers as necessary. Voids filled with free-stripping semiconductive material. Semiconductive tape over core.	7.24	.285
Armor Spec. Galv. IPS	INNER: 24/.039" Wire	9.22	.363
	OUTER: 24/.0495" Wire	11.73	.462



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

Physical			
		metric	english
Overall Dimensions		11.73 mm	.462"
Weight in Air		485 kg/km	326 lb/kft
Weight in Freshwater		387 kg/km	260 lb/kft
Temperature Rating	normal	135°C	275°F
	intermittent	149°C	300°F

Mechanical			
		metric	english
Breaking Strength		81.4 kN	18,300 lbf
Working Load		30.2 kN	6,800 lbf
Bend Diameter		51 cm	20"
Elongation (approx.)		m/km/kN .20	ft/kft/klbf .9

Electrical			
		metric	english
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	4.6 Ω/km	1.4 Ω/kft
Capacitance @ 1 kHz (cond. - armor)		141 pF/m	43 pF/ft
Velocity of Propagation @ 1 MHz		67%	67%



PITTSBURGH WIRE & CABLE INC.

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