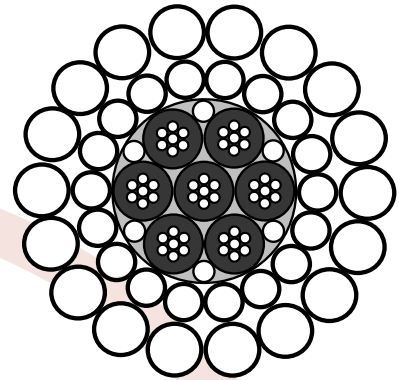


VIDEO INSPECTION CABLE

A276374
(7-H-375)

Cable Construction			
		mm	inch
Conductor (7)	20 AWG 7/.0126" Bare Copper	.97	.038
Insulation	.014" Wall EPC	1.68	.066
Core	6 insulated conds. around 1 with fillers as necessary. Voids filled with free-stripping semiconductive material. Semiconductive tape over core.	4.98	.196
Armor Spec. Galv. EIPS	INNER: 18/.037" Wire	6.86	.270
	OUTER: 18/.051" Wire	9.45	.372



Cable Characteristics (Nominal Values @ 20°C)

Physical			
		metric	english
Overall Dimensions		9.45 mm	.372"
Weight in Air		362 kg/km	243 lb/kft
Weight in Freshwater		299 kg/km	201 lb/kft
Temperature Rating	normal	135°C	275°F
	intermittent	149°C	300°F

Mechanical			
		metric	english
Breaking Strength		56.9 kN	12,800 lbf
Working Load		22.8 kN	5,100 lbf
Bend Diameter		51 cm	20"
Elongation (approx.)		m/km/kN .31	ft/kft/klbf 1.4

Electrical			
		metric	english
Voltage Rating		600 Vdc	600 Vdc
Insulation Resistance @ 500 Vdc		15,000 MΩ-km	50,000 MΩ-kft
dc Resistance	conductor	34.5 Ω/km	10.5 Ω/kft
	armor	5.9 Ω/km	1.8 Ω/kft
Capacitance @ 1 kHz (cond. - armor)		216 pF/m	66 pF/ft
Velocity of Propagation @ 1 MHz		67%	67%



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