



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 988418
DESCRIPTION: RG-6/U COAXIAL CABLE PER MIL-DTL-17
RATING: Mil-DTL-17 QPL Qualified Products List (Report # 17-072-90)
(Formally RG 6A/U)

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	21 AWG (1/.0285) Copper Clad Steel		0.029
Dielectric:	Solid Polyethylene color natural	0.078	0.185
Shielding:	95% Silver Coated Copper Braid plus 95% Copper Braid		0.241
Jacket:	PVC (Non-Contaminating Vinyl)	0.046	0.332

Electrical Properties:

	<u>VALUE*</u>
Impedance (ohms):	75
Capacitance (pF/ft):	20.5
Velocity of Propagation (%):	66
Attenuation (Max db/100 ft):	6.5
400 MHz	23.0
3000 MHz	

Cable Cross-Section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
Jacket Print (White): COLEMAN CABLE 988418 M17/02-RG06 MIL-DTL-17 OXDS2
Ink Jet Print (Blue): XXXXXX (Date Code)
Operating temperature range: -40 to 85°C
Applicable MIL-DTL-17: M17/2A-RG06
Approximate Weight (lb/1000 ft): 81.5

This product complies with European Directive 2011/65/EU (RoHS-2)

On special orders the customer will accept all factory lengths and ± 10% of total order requested.

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* = Nominal value
By: RBC