



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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Waukegan, IL 60085
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PART NUMBER: 988409
DESCRIPTION: RG-213/U COAXIAL CABLE FULL SWEPT PER MIL-DTL-17
RATING: Mil-DTL-17 Qualified Products List (QPL)

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	12.5 AWG (7/.030) Stranded Bare Copper		0.089
Dielectric:	Solid Polyethylene color natural	0.099	0.285
Shielding:	95% Bare Copper Braid		0.315
Jacket:	PVC (Non-Contaminating Vinyl Type IIA))	0.045	0.405

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (Max./100 ft)	0.17
Shield Resistance (ohms/1000 ft):	2.9
Impedance (ohms):	50
Capacitance (Max. pF/ft):	32.2
Velocity of Propagation (%):	66
Attenuation (Max. db/100 ft):	
50 MHz	1.2
100 MHz	2.3
400 MHz	4.8
1000 MHz	9.0
SRL (Min. db):	
0.1 Ghz	29
0.5 Ghz	26
1.0 GHz	24

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: **Black**
Jacket Print (White): COLEMAN CABLE 988409 M17/74-RG213 MIL-DTL-17 OXDS2
XXXXXXXX (Date Code)
Ink Jet Print (Blue):
"Coleman Cable LLC, is a wholly owned subsidiary of Southwire Company LLC"
Applicable MIL-DTL-17: M17/74C-RG213
Approximate Weight (lb/1000 ft): 110

Company Name: _____

Customer Approval: _____

Date: _____

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