PRODUCT DATA SHEET

Controlled Document – Engineering Drive

PART NUMBER: 988421

DESCRIPTION: RG-214/U COAXIAL CABLE PER MIL-DTL-17 SWEPT TO 400 MHz

RATING: Mil-DTL-17   Qualified Products List (QPL)

Construction Parameters:

		Wall (in)*	OD (in)*
Conductors:	12.5 AWG (7/.030) Silver Coated Copper		0.089
Dielectric:	Solid Polyethylene color natural	0.098	0.285
1st Shielding:	96% Silver Coated Copper Braid		0.313
2nd Shielding:	98% Silver Coated Copper Braid		0.341
Jacket:	PVC (Non-Contaminating Vinyl)	0.042	0.425

Electrical Properties:

		VALUE*
Conductor Resistance (Max./100 ft)		0.17
Impedance (ohms):		50
Capacitance (Max. pF/ft):		32.2
Velocity of Propagation (%):		66
Attenuation (Max. db/100 ft):	50 MHz	1.7
	400 MHz	5.5
	3000 MHz	28
	11000 MHz	60
SRL (Max db/100 ft):	1.0 GHz	20
	3.0 GHz	19
	5.0 GHz	18
	11.0 GHz	17

Cable Cross-Section:
(NOT TO SCALE)

Miscellaneous Information:

Jacket Color:	Black
Jacket Print (White):	COLEMAN CABLE 988421 M17/75-RG214 MIL-DTL-17 OXDS2
Ink Jet Print (Blue):	XXXXXX (Date Code)
Applicable MIL-DTL-17:	M17/75F-RG214
Approximate Weight (lb/1000 ft):	138

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.

Issued: 8/30/2012   * = Nominal value By: RBC