PRODUCT DATA SHEET

Controlled Document – Engineering Drive

PART NUMBER: 988423

DESCRIPTION: RG-223/U COAXIAL CABLE FULL SWEPT PER MIL-DTL-17

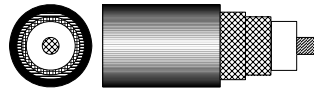**RATING:** Mil-DTL-17 Qualified Products List (QPL)

Construction Parameters:

		Wall (in)*	OD (in)*
Conductors:	19 AWG (1/.035) Solid Silver Coated Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.041	0.116
1st Shielding:	95% Silver Coated Copper Braid		0.146
2nd Shielding:	94% Silver Coated Copper Braid		0.175
Jacket:	PVC (Non-Contaminating Vinyl)	0.019	0.212

Electrical Properties:

Cable Cross-Section:
(NOT TO SCALE)

	VALUE*
Conductor Resistance (Max./100 ft)	0.90
Impedance (ohms):	50
Capacitance (Max. pF/ft):	32.2
Velocity of Propagation (%):	66
Attenuation (Max. db/100 ft): 50 MHz	4.8
400 mhz	12.0
1000 mhz	21.0
5000 mhz	55.0
12400 mhz	92.0
SRL (Min: db): 0.5 GHz	25.0
2.0 GHz	21.5
5.0 GHz	21.0
12.4 GHz	19.0

Miscellaneous Information:

Jacket Color:	Black
Jacket Print (white):	COLEMAN CABLE 8422F M17/84-RG223 MIL-DTL-17 OJUD5
Applicable MIL-DTL-17:	M17/84B-RG223
Approximate Weight (lb/1000 ft):	40

This product complies with European Directive 2002/95/EC (RoHS)

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

The information presented here is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We reserve the right to review and modify all constructions to conform with the latest Regulatory requirement. We disclaim all liability in connection with the use of information contained herein or otherwise. This specification is propriety intellectual property of COLEMAN CABLE. Any information contained herein shall not be disclosed to any party without written consent of COLEMAN CABLE.

Company Name: _____

Customer Approval: _____   Date: _____

Issued: 04/26/06

* = Nominal value
By: PEP