

PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive Waukegan, IL 60085 Toll-Free (800) 323-9355 Fax: (847) 689-1192

Wall (in)*

OD (in)*

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:

		vvaii (iii)	
Conductors:	19 AWG (1/.035) Solid Silver Coated Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.041	0.116
1 st Shielding:	95% Silver Coated Copper Braid		0.146
2 nd 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	0.90	
Impedance (ohms):	50	
Capacitance (Max. pF/ft):	32.2	
Velocity of Propagation (%)	66	
Attenuation (Max. db/100 ft)	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 \pm 10% of total order requested.

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Company Name:		
Customer Approval:	Date:	

Issued: 04/26/06

* = Nominal value
By: PEP