



**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:**

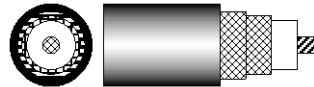
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	19 AWG (1/.035) Solid Silver Coated Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.041	0.116
1 <sup>st</sup> Shielding:	95% Silver Coated Copper Braid		0.146
2 <sup>nd</sup> Shielding:	94% Silver Coated Copper Braid		0.175
Jacket:	PVC (Non-Contaminating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

**Electrical Properties:**

	<u>VALUE*</u>
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

**Cable Cross-Section:**

(NOT TO SCALE)



**Miscellaneous Information:**

Jacket Color: Black  
Jacket Print (White): SOUTHWIRE® Year 988423 M17/84-RG223 MIL-DTL-  
Ink Jet Print (Blue): 17 8A7P7 (LOT#)

Applicable MIL-DTL-17: M17/84B-RG223  
Approximate Weight (lb/1000 ft): 40

This product complies with Directive (EU) 2015/863 – RoHS 3

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

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Issued: 7/1/21

\* = Nominal value

By: RBC