



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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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 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:

| | <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): COLEMAN CABLE 988423 M17/84-RG223 MIL-DTL-17 OXDS2
Ink Jet Print (Blue): XXXXXX (Date Code)
Applicable MIL-DTL-17: M17/84B-RG223
Approximate Weight (lb/1000 ft): 40

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