# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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**PART NUMBER:** 991069-xx-08

**DESCRIPTION:** RG174/U COAXIAL CABLE WITH 26AWG 88% BRAID

**RATING:** UL RECOGNIZED COMPONENT AWM STYLE 1354

## *Construction Parameters:*

| | | Wall (in)* | OD (in)* |
|---|---|---|---|
| Conductors: | 26 AWG (7/.0063) Stranded Copper Clad Steel | | 0.019 |
| Dielectric: | Solid Polyethylene color natural | 0.021 | 0.060 |
| Shielding: | 88% Tinned Copper Braid | | 0.078 |
| Jacket: | PVC | 0.011 | 0.100 |

## *Electrical Properties:*

| | | VALUE* |
|---|---|---|
| Impedance (ohms): | | 50 |
| Capacitance (pF/ft): | | 30.8 |
| Velocity of Propagation (%): | | 66 |
| Attenuation (Max db/100 ft): | 50 MHz | 6.6 |
| | 100 MHz | 8.8 |
| | 200 MHz | 11.9 |
| | 500 MHz | 17.5 |
| | 900 MHz | 28.2 |
| | 1000 MHz | 30.2 |

## *Cable Cross-section:*

*(NOT TO SCALE)*

## *Miscellaneous Information:*

| | |
|---|---|
| Jacket Color: | Black |
| Jacket Print (White): | E96824 RG 174/U AWM STYLE 1354 80C |
| Flame Rating: | UL 1581 VW-1 Vertical Flame Test |
| Max. Temperature Rating: | 80 ° C |
| Maximum Operating Volts: | 30 V RMS MAX. |
| Approx. Weight (lb/1000 ft): | 8 |

Company Name: _____

Customer Approval: _____ Date: _____

*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.*

*This product complies with European Directive 2002/95/EC (RoHS) production dated after 8/21/2006*

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Issued: 8/21/06

* = Nominal value
By: PEP

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