



## RF240

### Low Loss Coaxial Cable

#### Features

- ◆ Excellent RF properties
- ◆ Flexible Outer Jacket
- ◆ Various Connector options
- ◆ Ideal for 4G/LTE applications

#### Specifications

|                                |  |
|--------------------------------|--|
| Conductor ( <i>diameter</i> )  | Copper ( <i>1.4mm</i> )  |
| Dielectric ( <i>diameter</i> ) | PEE ( <i>3.80mm</i> )  |
| Screen                         | Aluminium + polyester + aluminium tape 100%<br>Tinned Copper 80% |
| Sheath ( <i>diameter</i> )     | PVC ( <i>6.10mm</i> )  |
| Impedance                      | 50 Ohm   |
| Capacitance                    | 80 pF/m  |
| Velocity Ratio                 | 84%  |
| Screen Efficiency (dB)         | 100-900 MHz >90  |

#### Attenuation

|          |              |
|----------|--------------|
| 100 MHz  | 7.8 dB/100M  |
| 400 MHz  | 16.2 dB/100M |
| 600 MHz  | 20.0 dB/100M |
| 1000 MHz | 26.0 dB/100M |
| 1750 MHz | 36.0 dB/100M |
| 2400 MHz | 43.1 dB/100M |

Specifications subject to change without notice.

5 Little Balmer  
Buckingham Industrial Park  
Buckingham  
MK18 1TF  
UK

Tel: +44 (0)1280 824055  
Fax: +44 (0)1280 817179  
Email: sales@ead-ltd.com  
Web: www.ead-ltd.com

**EAD**   
embedded antenna design ltd