

Technical Specification
Cable Type: RG-213/u (MIL-C-17 M17/163 94%)
Western Wire Part Number: WRG21300
Revision: 07/05 Date: 13 December 2005

Physical Description

| | |
|------------------|---|
| Inner Conductor | Stranded 7x0.724mm bare annealed copper (BC) 13AWG. |
| Dielectric | Solid LDPE, 7.24±0.17 mm OD |
| Outer Conductor | Single bare copper (BC) braid, 24x8x0.18mm, 94% min. coverage |
| Outer Jacket | UV resistant NC PVC compound, colored Black (RAL 9005) |
| Overall Diameter | 10.3±0.17 mm. |
| Surface Marking | WESTERN WIRE WRG21300 RG-213/U MIL-C-17 M17/163-00001 FSHC FR IEC 60332-1 COAXIAL CABLE CE 2002/95/EC (RoHS) [Month, Year] [Batch Number] |

Mechanical Properties


| | |
|-----------------------|----------------|
| Minimum Bend Radius | 120 mm |
| Storage Temperature | -40 to +80C |
| Operating temperature | -30 to +80C |
| Flame Test | IEC 60332-1 |
| Total Weight | 153 Kg/Km nom. |

Electrical Properties @ 20C

| | |
|----------------------------------|-----------------------|
| Characteristic Impedance | 50±2 Ohm @ 1-400 MHz |
| Capacitance | 101 pF/m nom. @ 1 KHz |
| Velocity of Propagation | 66% nom. |
| DC Resistance of inner conductor | 5.6 Ohm /Km max. |
| Continuous working voltage | 4000 V rms max. |
| Dielectric strength | 6000 V rms min. |

| Frequency MHz | Max. Attenuation dB/100m |
|---------------|--------------------------|
| 1 | 0.60 |
| 10 | 2.00 |
| 50 | 4.90 |
| 100 | 6.90 |
| 200 | 9.80 |
| 400 | 15.4 |

EU Directive conformance

 This cable fully conforms to 2002/95/EC (RoHS)