

**Technical Specification**
**Cable Type: RG-213/u Type MIL-C-17 M17/163 94%**
**Western Wire Part Number: WRG21302**
**Revision: 03/12 Date: 31 December 2012**

**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, 24x8x0.16mm, 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 WRG21302 Type RG-213/U MIL-C-17 M17/163-00001 FSHC FR IEC 60332-1 COAXIAL CABLE CE 2011/65/EU (RoHS-2) [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	150 Kg/Km nom.

**Electrical & Transmission 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

This cable fully conforms to EU Directive 2011/65/EU (RoHS-2)