

**Technical Specification**
**Cable Type: MIL-C-17 M17/30-RG062**
**Western Wire Part Number: WRG06200**
**Revision: 03/09 Date: 15 December 2009**

**Physical Description**

Inner Conductor	Solid 0.64 mm bare copper covered steel (CCS) 22#
Dielectric	Air-space LDPE, 3.71 mm OD (PE tube extruded over a spiral PE filler)
Outer Conductor	Single bare copper (BC) braid, 95% coverage, 34AWG (0.16mm) copper wires.
Outer Jacket	Flame retardant PVC compound, colored Black (RAL 9005)
Overall Diameter	6.15±0.17 mm
Surface Marking	WESTERN WIRE WRG06200 MIL-C-17G M17/30-RG062 93 OHM 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	UL 1581 VW-1
Total Weight	57 Kg/Km nom.

**Electrical & Transmission Properties @ 20C**

Characteristic Impedance	93±5 Ohm
Capacitance	45 pF/m nom. 47.6 pF/m max. @ 1 KHz
Velocity of Propagation	83% nom.
DC Resistance of inner conductor	144 Ohm/Km max. @ 20C
Continuous working voltage	750 V rms max. @ 20C
Dielectric strength	3000 V rms min.

Frequency MHz	Attenuation dB/100m	Frequency MHz	Attenuation dB/100m
1	2.0	400	26.2 Max.
10	3.6	700	31.8
50	7.9	800	34.0
100	11.2	900	36.4
200	16.1	1000	42.6 Max.

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