

Model Number

051

## COAX CABLE

Revision: NR

ECN #:

**Performance**

Number of Conductors

**ENGLISH**

1

**SI**

1

Cable Style (RG-58/U)

Coaxial

Coaxial

**Environmental**

Temperature Range

-40 to +176 °F

-40 to +80 °C

**Electrical**

Impedance

52 ohm

52 ohm

[1]

Capacitance (conductor to conductor @ 70 °F (21 °C))

29 pF/ft

95.14 pF/m

**Physical**

Cable Jacket Diameter

.193 in

4.90 mm

[1]

Cable Jacket Material

PVC

PVC

Cable Jacket Color

Black

Black

Conductor Style

Solid

Solid

Conductor Material

Copper

Copper

Conductor Diameter (20 AWG)

.033 in

2.95 mm

[1]

Insulation Material Over Conductor(s)

Polyethylene

Polyethylene

Shield Type Over Conductor(s)

Braid: 95% Minimum

Braid: 95% Minimum

Shield Material Over Conductor(s)

Tinned Copper

Tinned Copper

Shield Wire Diameter Over Conductor(s)

.137 in

3.48 mm

[1]

Bend Radius (minimum)

2 in

50 mm

Weight

.48 oz/ft

41.6 gm/m

[1]

*All specifications are at room temperature unless otherwise specified.**In the interest of constant product improvement, we reserve the right to change specifications without notice.*

ICP® is a registered trademark of PCB Group, Inc.

**OPTIONAL VERSIONS**

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

**NOTES:**

[1] Typical.

Entered: *Jtt*    Engineer: *Smu*    Sales: *SW*    Approved: *MA*    Spec Number:Date: *9/14/05*    Date: *09/14/05*    Date: *9/14/05*    Date: *9/15/05*    31679

**IMI SENSORS**  
 A PCB PIEZOTRONICS DIV.

**IMI Sensors**  
 3425 Walden  
 Depew, NY 14043  
 Phone: 800-959-4464  
 Fax: 716-684-3823  
 E-Mail: imi@pcb.com