

Construction Specification

| | Material | Diameter(mm) |
|-------------------|--|--------------|
| 1.Inner Conductor | Solid Copper or Copper Clad Steel | 0.46 |
| 2.Dielectric | Solid Polyethylene | 1.52 |
| 3.Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | 2.11 |
| 4.Jacket | Black PVC or Polyethylene | 2.79 |

Electrical Characteristics

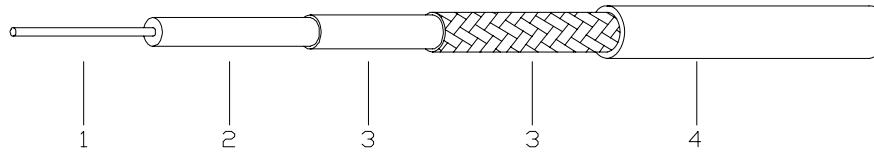
| | |
|--|-------|
| Capacitance(PF/m) | 101.1 |
| Impedance(ohm) | 50 |
| Velocity (%) | 66 |
| Inner Conductor DC Resistance(Ω /km) | 266 |
| Outer Conductor DC Resistance(Ω /km) | 31.2 |
| Shielding Effectiveness(dB) | >90 |

Mechanical Characteristics

| | |
|-----------------------------------|------------|
| Min.Bend Radius (mm) | 14 |
| Storage Temp.($^{\circ}$ C) | -25 to +70 |
| Installation Temp.($^{\circ}$ C) | -25 to +70 |
| Operating Temp($^{\circ}$ C) | -25 to +70 |

Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Level

| Frequency(MHz) | Attenuation(∇ dB/100m) | Avg.Power(KW) |
|----------------|--------------------------------|---------------|
| 30 | 12.90 | 0.23 |
| 50 | 16.70 | 0.18 |
| 150 | 29.40 | 0.10 |
| 220 | 35.80 | 0.08 |
| 450 | 51.90 | 0.06 |
| 900 | 74.90 | 0.04 |
| 1500 | 98.70 | 0.03 |
| 1800 | 109.00 | 0.03 |
| 2000 | 115.50 | 0.03 |
| 2500 | 130.60 | 0.02 |
| 3000 | 143.80 | 0.02 |
| 5800 | 210.30 | 0.01 |



Construction Specification

| | Material | Diameter(mm) |
|-------------------|--|--------------|
| 1.Inner Conductor | Solid Copper | 1.12 |
| 2.Dielectric | Physical Foam Polyethylene | 2.95 |
| 3.Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | 3.66 |
| 4.Jacket | Black PVC or Polyethylene | 4.95 |

Electrical Characteristics

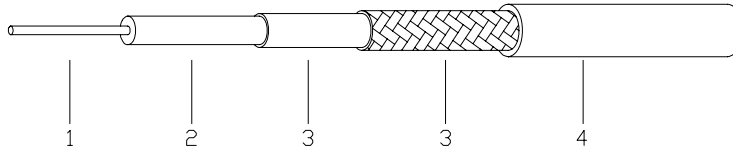
| | |
|--|-------|
| Capacitance(PF/m) | 80.4 |
| Impedance(ohm) | 50 |
| Velocity (%) | 83 |
| Inner Conductor DC Resistance(Ω /km) | 17.59 |
| Outer Conductor DC Resistance(Ω /km) | 16.08 |
| Shielding Effectiveness(dB) | >90 |

Mechanical Characteristics

| | |
|-----------------------------------|------------|
| Min.Bend Radius (mm) | 25 |
| Storage Temp.($^{\circ}$ C) | -25 to +70 |
| Installation Temp.($^{\circ}$ C) | -25 to +70 |
| Operating Temp($^{\circ}$ C) | -25 to +70 |

Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Level

| Frequency(MHz) | Attenuation(∇ dB/100m) | Avg.Power(KW) |
|----------------|--------------------------------|---------------|
| 30 | 5.80 | 0.91 |
| 50 | 7.50 | 0.70 |
| 150 | 13.10 | 0.40 |
| 220 | 15.90 | 0.33 |
| 450 | 22.80 | 0.23 |
| 900 | 32.60 | 0.16 |
| 1500 | 42.40 | 0.12 |
| 1800 | 46.60 | 0.11 |
| 2000 | 49.30 | 0.11 |
| 2500 | 55.40 | 0.10 |
| 3000 | 60.20 | 0.09 |
| 5800 | 86.50 | 0.06 |



Construction Specification

| | Material | Diameter(mm) |
|-------------------|--|--------------|
| 1.Inner Conductor | Solid Copper | 1.42 |
| 2.Dielectric | Physical Foam Polyethylene | 3.81 |
| 3.Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | 4.52 |
| 4.Jacket | Black PVC or Polyethylene | 6.10 |

Electrical Characteristics

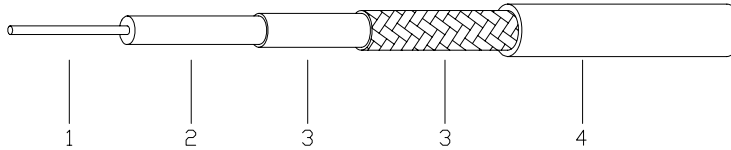
| | |
|--|-------|
| Capacitance(PF/m) | 79.4 |
| Impedance(ohm) | 50 |
| Velocity (%) | 84 |
| Inner Conductor DC Resistance(Ω /km) | 10.50 |
| Outer Conductor DC Resistance(Ω /km) | 12.76 |
| Shielding Effectiveness(dB) | >90 |

Mechanical Characteristics

| | |
|-----------------------------------|------------|
| Min.Bend Radius (mm) | 30 |
| Storage Temp.($^{\circ}$ C) | -25 to +70 |
| Installation Temp.($^{\circ}$ C) | -25 to +70 |
| Operating Temp($^{\circ}$ C) | -25 to +70 |

Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Leavel

| Frequency(MHz) | Attenuation(\geq dB/100m) | Avg.Power(KW) |
|----------------|------------------------------|---------------|
| 30 | 4.40 | 1.30 |
| 50 | 5.70 | 1.00 |
| 150 | 9.90 | 0.58 |
| 220 | 12.00 | 0.48 |
| 450 | 17.30 | 0.33 |
| 900 | 24.80 | 0.23 |
| 1500 | 32.40 | 0.18 |
| 1800 | 35.60 | 0.16 |
| 2000 | 37.70 | 0.15 |
| 2500 | 42.40 | 0.13 |
| 3000 | 46.50 | 0.12 |
| 5800 | 66.80 | 0.09 |



Construction Specification

| | Material | Diameter(mm) |
|-------------------|--|--------------|
| 1.Inner Conductor | Solid Copper or Copper Clad Aluminium | 1.78 |
| 2.Dielectric | Physical Foam Polyethylene | 4.83 |
| 3.Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | 5.72 |
| 4.Jacket | Black PVC or Polyethylene | 7.62 |

Electrical Characteristics

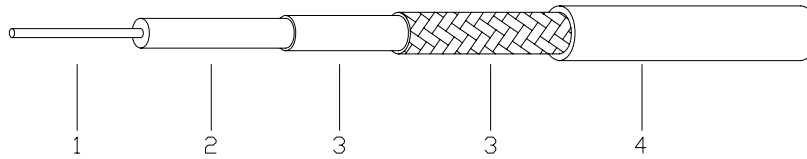
| | |
|--|------|
| Capacitance(PF/m) | 78.8 |
| Impedance(ohm) | 50 |
| Velocity (%) | 85 |
| Inner Conductor DC Resistance(Ω /km) | 6.96 |
| Outer Conductor DC Resistance(Ω /km) | 7.25 |
| Shielding Effectiveness(dB) | >90 |

Mechanical Characteristics

| | |
|-----------------------------------|------------|
| Min.Bend Radius (mm) | 38 |
| Storage Temp.($^{\circ}$ C) | -25 to +70 |
| Installation Temp.($^{\circ}$ C) | -25 to +70 |
| Operating Temp($^{\circ}$ C) | -25 to +70 |

Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Level

| Frequency(MHz) | Attenuation(dB/100m) | Avg.Power(KW) |
|----------------|----------------------|---------------|
| 30 | 3.50 | 1.78 |
| 50 | 4.50 | 1.38 |
| 150 | 7.90 | 0.79 |
| 220 | 9.60 | 0.65 |
| 450 | 13.80 | 0.45 |
| 900 | 19.90 | 0.31 |
| 1500 | 26.00 | 0.24 |
| 1800 | 28.70 | 0.22 |
| 2000 | 30.30 | 0.21 |
| 2500 | 34.20 | 0.18 |
| 3000 | 37.50 | 0.17 |
| 5800 | 54.30 | 0.11 |



Construction Specification

| | Material | Diameter(mm) |
|-------------------|--|--------------|
| 1.Inner Conductor | Solid Copper or Copper Clad Aluminium | 2.74 |
| 2.Dielectric | Physical Foam Polyethylene | 7.24 |
| 3.Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | 8.13 |
| 4.Jacket | Black PVC or Polyethylene | 10.29 |

Electrical Characteristics

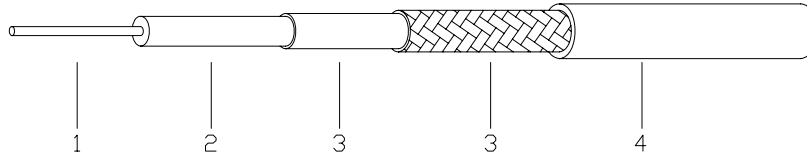
| | |
|--|------|
| Capacitance(PF/m) | 77.1 |
| Impedance(ohm) | 50 |
| Velocity (%) | 85 |
| Inner Conductor DC Resistance(Ω /km) | 2.92 |
| Outer Conductor DC Resistance(Ω /km) | 5.41 |
| Shielding Effectiveness(dB) | >90 |

Mechanical Characteristics

| | |
|-----------------------------------|------------|
| Min.Bend Radius (mm) | 51 |
| Storage Temp.($^{\circ}$ C) | -25 to +70 |
| Installation Temp.($^{\circ}$ C) | -25 to +70 |
| Operating Temp($^{\circ}$ C) | -25 to +70 |

Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Leavel

| Frequency(MHz) | Attenuation(dB/100m) | Avg.Power(KW) |
|----------------|----------------------|---------------|
| 30 | 2.20 | 2.91 |
| 50 | 2.90 | 2.21 |
| 150 | 5.00 | 1.28 |
| 220 | 6.10 | 1.05 |
| 450 | 8.90 | 0.72 |
| 900 | 12.80 | 0.50 |
| 1500 | 16.80 | 0.38 |
| 1800 | 18.60 | 0.34 |
| 2000 | 19.60 | 0.33 |
| 2500 | 22.20 | 0.29 |
| 3000 | 24.80 | 0.26 |
| 5800 | 35.50 | 0.18 |



Construction Specification

| | Material | Diameter(mm) |
|-------------------|--|--------------|
| 1.Inner Conductor | Solid Copper or Copper Clad Aluminium | 3.61 |
| 2.Dielectric | Physical Foam Polyethylene | 9.40 |
| 3.Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | 10.29 |
| 4.Jacket | Black PVC or Polyethylene | 12.70 |

Electrical Characteristics

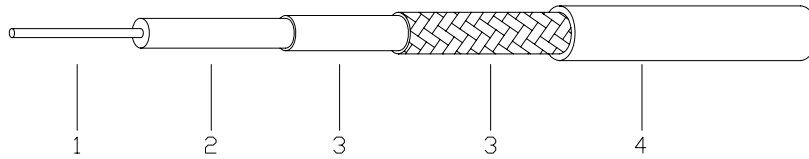
| | |
|--|------|
| Capacitance(PF/m) | 77.1 |
| Impedance(ohm) | 50 |
| Velocity (%) | 86 |
| Inner Conductor DC Resistance(Ω /km) | 1.68 |
| Outer Conductor DC Resistance(Ω /km) | 4.17 |
| Shielding Effectiveness(dB) | >90 |

Mechanical Characteristics

| | |
|-----------------------------------|------------|
| Min.Bend Radius (mm) | 64 |
| Storage Temp.($^{\circ}$ C) | -25 to +70 |
| Installation Temp.($^{\circ}$ C) | -25 to +70 |
| Operating Temp($^{\circ}$ C) | -25 to +70 |

Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Leavel

| Frequency(MHz) | Attenuation(dB/100m) | Avg.Power(KW) |
|----------------|----------------------|---------------|
| 30 | 1.80 | 2.72 |
| 50 | 2.30 | 2.13 |
| 150 | 4.00 | 1.22 |
| 220 | 4.90 | 1.00 |
| 450 | 7.10 | 0.69 |
| 900 | 10.30 | 0.48 |
| 1500 | 13.60 | 0.36 |
| 1800 | 15.00 | 0.33 |
| 2000 | 15.90 | 0.31 |
| 2500 | 18.00 | 0.27 |
| 3000 | 19.70 | 0.25 |
| 5800 | 29.10 | 0.17 |



Construction Specification

| | Material | Diameter(mm) |
|-------------------|--|--------------|
| 1.Inner Conductor | Solid Copper or Copper Clad Aluminium | 4.47 |
| 2.Dielectric | Physical Foam Polyethylene | 11.56 |
| 3.Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | 12.50 |
| 4.Jacket | Black PVC or Polyethylene | 14.99 |

Electrical Characteristics

| | |
|--|------|
| Capacitance(PF/m) | 76.8 |
| Impedance(ohm) | 50 |
| Velocity (%) | 87 |
| Inner Conductor DC Resistance(Ω /km) | 1.09 |
| Outer Conductor DC Resistance(Ω /km) | 3.94 |
| Shielding Effectiveness(dB) | >90 |

Mechanical Characteristics

| | |
|-----------------------------------|------------|
| Min.Bend Radius (mm) | 75 |
| Storage Temp.($^{\circ}$ C) | -25 to +70 |
| Installation Temp.($^{\circ}$ C) | -25 to +70 |
| Operating Temp($^{\circ}$ C) | -25 to +70 |

Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Leavel

| Frequency(MHz) | Attenuation(dB/100m) | Avg.Power(KW) |
|----------------|----------------------|---------------|
| 30 | 1.40 | 4.93 |
| 50 | 1.80 | 3.83 |
| 150 | 3.20 | 2.16 |
| 220 | 3.90 | 1.77 |
| 450 | 5.60 | 1.23 |
| 900 | 8.20 | 0.84 |
| 1500 | 10.90 | 0.63 |
| 1800 | 12.10 | 0.57 |
| 2000 | 12.80 | 0.54 |
| 2500 | 14.50 | 0.48 |
| 3000 | 15.70 | 0.44 |
| 5800 | 23.80 | 0.29 |