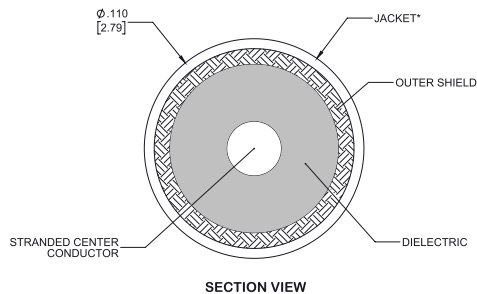




RG174 COAXIAL CABLE



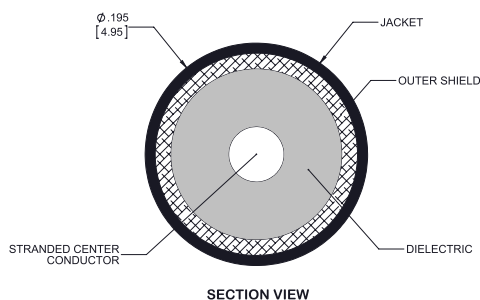
ELECTRICAL DATA

- Frequency Range : 3 Ghz
- Velocity Of Propagation, Nom. : 82%
- Impedance : 50 Ω
- Capacitance : 100.00 pF/m
- Nominal Weight : 4 kg/100 m
- Bending Radius : 44.0 mm
- Temperature : -20°C to +70°C

CONSTRUCTION

Item	Specification	Diameter (mm)
Dielectric	Solid PTFE	1.52
Center Conductor	Silver Plated Copper Cover Steel Wire	7/0.16
Shield	Tin Plated Copper Wire Braiding	16/4/0.1(87%)
Jacket	PVC (Black)	2.79

RG58 COAXIAL CABLE



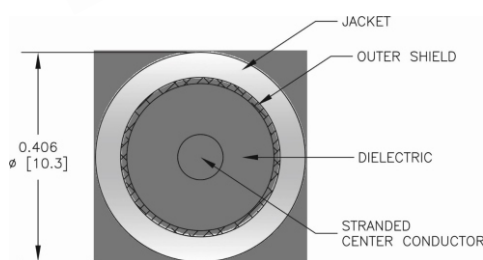
ELECTRICAL DATA

- Operating Temperature Range : -30°C to +80°C
- Impedance (Ω) : 50 $\pm$ 3
- Rated Voltage(V) : 1,900V rms
- Capacitance (pF/m) : 100 $\pm$ 5
- Velocity Ratio (%) : 66
- Max. Conductor DC Resistance at 20°C (Ω /km) : 39.2
- Min. Insulation DC Resistance at 20°C ($M\Omega \times km$) : >500
- Operating Temperature Range : -30°C to +80°C

CONSTRUCTION

Item	Material(mm)	Diameter
Conductor	Tinned Copper	0.9
Insulation	Solid PE	2.95
Braiding Layer	Tinned Copper	95%
Jacket	LSZH	4.95

RG213 COAXIAL CABLE



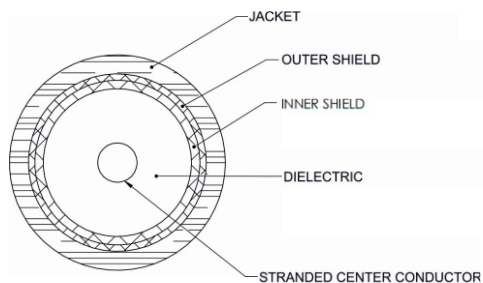
ELECTRICAL DATA

- Frequency Range : DC-3 GHz
- Velocity of Propagation, Nom. : 66 %
- Impedance : 50 Ω
- Capacitance : 101 pF/m
- Inductance : 0.253 μ H/m
- DC Resistance : Inner Conductor 5.8 Ω /km
Outer Conductor 4.1 Ω /km
- Temperature : -55°C to +200°C

CONSTRUCTION

Item	Specification	Diameter (mm)
Dielectric	Solid Polyethylene	7.25 mm
Inner Conductor	Stranded Copper Wire	2.26 mm
Outer Conductor	Tinned Copper Braid	8.11 mm
Jacket Materials	PVC Black	10.31 mm

RG214 COAXIAL CABLE



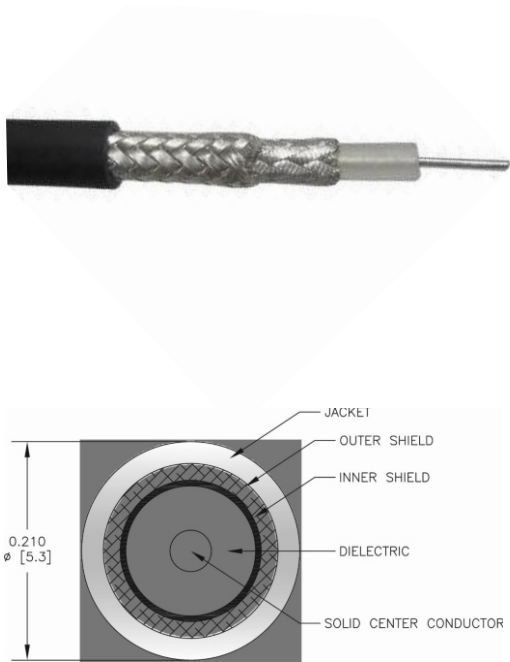
ELECTRICAL DATA

- Frequency Range : 4 GHz
- Min. Bending Radius : 55.2 mm
- Impedance : 50 Ω
- Capacitance : 101 pF/m
- Inductance : 0.253 μ H/m
- Peak Power Rating : 40 kw
- Nominal Weight : 0.18 kg/m
- DC Resistance : Inner Conductor 1.77 Ω /km
Outer Conductor 1.9 Ω /km
- Temperature : -25° to +85°C

CONSTRUCTION

Item	Specification	Diameter (mm)
Insulation	Solid PE	7.24 mm
Center Conductor	Bare Copper Wire	7/0.752
Shield	Double Copper Wire Braiding	-
Jacket Materials	PVC Black	10.8 mm

RG223 COAXIAL CABLE



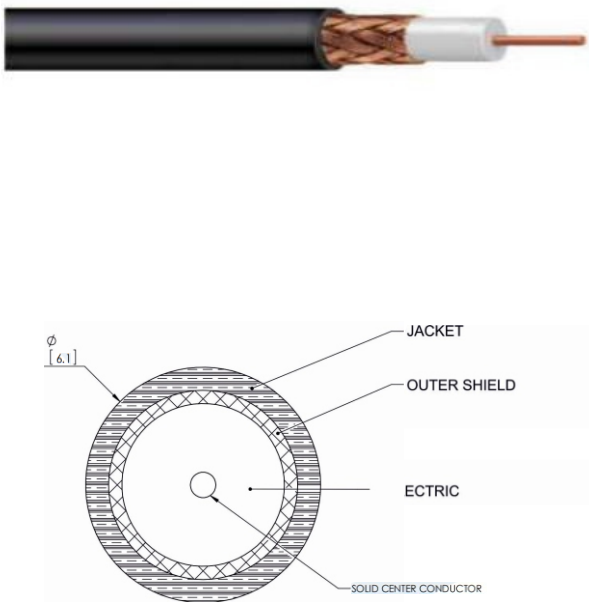
ELECTRICAL DATA

- Frequency Range : 12.4 GHz
- Min. Bending Radius : 55.2 mm
- Impedance : 50 Ω
- Capacitance : 98 pF/m
- Velocity of Propagation : 83%
- Max. Operating Voltage : 1900 Volts
- Attenuation : 13.12 dB/100m
- DC Resistance : Inner Conductor 1.77 Ω/km
Outer Conductor 1.9 Ω/km
- Temperature : -25° to +85°C

CONSTRUCTION

Item	Specification	Diameter (mm)
Insulation	Solid PE	2.95 mm
Center Conductor	Solid Copper Clad	0.90 mm
Shielding	Two SCC	95% Copper
Jacket Materials	PVC Black	5.3 mm

RG59 COAXIAL CABLE



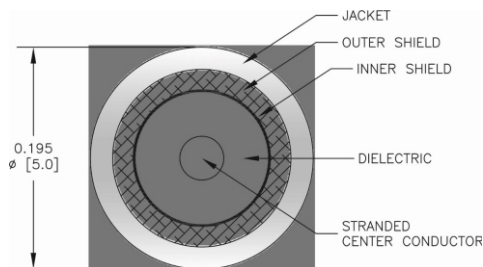
ELECTRICAL DATA

- Frequency Range : DC 1000 MHZ
- Impedance (Ω) : 75 Ω
- Velocity of Propagation : 66 %
- Operating Voltage (AC) : 2300 Vrms
- Weight : 0.06 kg / m
- Nominal Capacitance : 20.4 pF/ft / 66.93 pF/m
- Operating Temperature Range : -25 to +70 (°C)

CONSTRUCTION

Item	Specification	Diameter (mm)
Dielectric	Gas Expanded Polyethylene (Foam PE)	3.66
Shield	Bare Copper Wire Braid	4.14
Jacket	PVC	6.10
Center Conductor	20 AWG Solid Bare Copper	0.81

RG400 COAXIAL CABLE



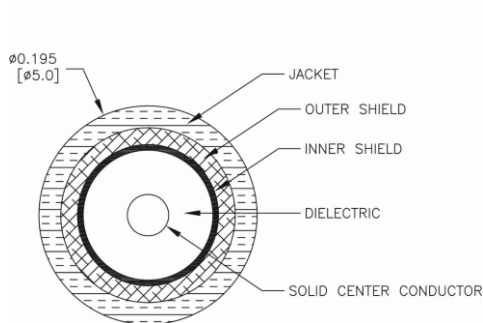
ELECTRICAL DATA

- Cutoff Frequency : 6 Ghz
- Impedance (Ω) : 50
- Capacitance (pF/m) : 29.4pF/ft (96.46pF/m)
- Shielding Effectiveness : 81 dB
- Signal delay : 4.7 ns/m
- Min. Bend Radius : 50 mm (static)
75 mm (Dynamic)
- Velocity of Propagation : 70%
- Temperature range : -65 to 165 °C
- Installation Temperature : -20 to 60 °C
- RoHS : Compliant

CONSTRUCTION

Item	Material	Diameter (mm)
Inner Conductor	Silver Plated Copper Covered Steel	0.97
Dielectric	PTFE	2.95
First Shield	Silver plated Copper Braid	3.59
Second Shield	Silver plated Copper Braid	4.22
Jacket	FEP, Tan	4.95

RG142 COAXIAL CABLE



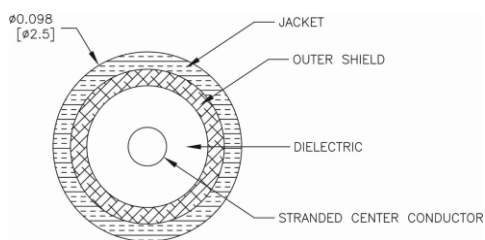
ELECTRICAL DATA

- Frequency Range : DC-12.4 Ghz
- Velocity of Propagation, Nom. : 82%
- Impedance : 50 Ω
- Capacitance : 95.50 pF/ft (pF/m)
- Nominal Weight : 2 kg/100 m
- Bending Radius : 44.0 mm
- Temperature : -55° to +200°C

CONSTRUCTION

Item	Specification	Diameter (mm)
Dielectric	Solid PTFE	2.95
Center Conductor	Silver Plated Copper Cover Steel Wire	0.94
1 out Shield	Silver Plated Copper Wire Braiding	3.43
2 out Shield	Silver Plated Copper Wire Braiding	4.09
Jacket	Black PE	4.95 mm

RG316 COAXIAL CABLE



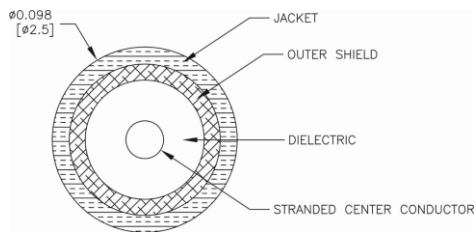
ELECTRICAL DATA

- Maximum operating frequency (MHZ) : 3,000
- Impedance (Ω) : 50 ± 2
- Capacitance (pF/m) : 95
- Velocity of Propagation (%) : 69.5
- Maximum operating voltage (Vrms) : 1,200
- Voltage withstand (Vrms) : 2,000
- Conductor DCR (Ohm / km) : 277.2
- Outer shield DCR (Ohm / km) : 20
- Spark test (Vrms) : 2,000
- Operating Temperature Range : -55 to 200

CONSTRUCTION

Item	Material	Diameter (mm)
Inner Conductor	Silver plated copper clad steel	7 / 0.17 ± 0.02
Dielectric	PTFE	1.52 ± 0.08
Shield	95% Silver plated copper braid	1.98 ± 0.08
Jacket	FEP	2.49 ± 0.1

RG316 (DOUBLE SHIELDED) COAXIAL CABLE



ELECTRICAL DATA

- Cutoff Frequency : 3Ghz
- Impedance (Ω) : 50 ± 2
- Capacitance (pF/m) : 29.4pF/ft (96.46pF/m)
- Shielding Effectiveness : 90dB
- Inner Conductor : 4.28ohms/1000ft (14.1ohms/km)
- Outer Conductor : 3.89ohms/1000ft (12.8ohms/km)
- Voltage withstand (Vrms) : 1200VoltsDC
- Bend Radius : 0.59 (14.99mm)
- Velocity of Propagation : 70%
- Operating Temperature Range : -55 to 200 °C

CONSTRUCTION

Item	Material	Diameter (mm)
Inner Conductor	Silver plated copper covered steel	0.51
Dielectric	PTFE	1.52
First Shield	Silver plated Copper Braid	-
Second Shield	Silver plated Copper Braid	2.39
Jacket	FEP, Tan	2.9 mm

RG178 COAXIAL CABLE



ELECTRICAL DATA

- Frequency Range : 3 Ghz
- Velocity of Propagation, Nom. : 70%
- Impedance : 75 Ω
- Capacitance : 64.0 pF/m
- Nominal Weight : 4 kg/100m
- Bending Radius : 10.16 mm
- Temperature : -55°C to +200°C

CONSTRUCTION

Item	Specification	Diameter (mm)
Dielectric	PTFE	1.6
Inner Conductor	Copper Clad Steel	0.3
Shield	Copper Braid	2.03
Conductor Type	Stranded	-

RG179 COAXIAL CABLE



ELECTRICAL DATA

- Frequency Range : 3 Ghz
- Velocity of Propagation, Nom. : 70%
- Impedance : 75 Ω
- Capacitance : 64.0 pF/m
- Nominal Weight : 4 kg/100m
- Bending Radius : 10.16 mm
- Temperature : -55°C to +200°C

CONSTRUCTION

Item	Specification	Diameter (mm)
Dielectric	PTFE	1.6
Inner Conductor	Copper Clad Steel	0.3
Shield	Copper Braid	2.03
Conductor Type	Stranded	-

RG188 COAXIAL CABLE



ELECTRICAL DATA

- Frequency Range : 3 GHz
- Velocity of Propagation, Nom. : 70%
- Impedance : 75 Ω
- Capacitance : 29.4 pF/m
- Max Voltage : 1200
- Bending Radius : 12.7 mm
- Temperature : -55°C to +200°C

CONSTRUCTION

Item	Specification	Diameter (mm)
Dielectric	PTFE	1.52
Inner Conductor	Copper Clad Steel	0.51
Shield	Silver Plated Copper Braid	1.98
Conductor Type	Stranded	-

RG141 COAXIAL CABLE

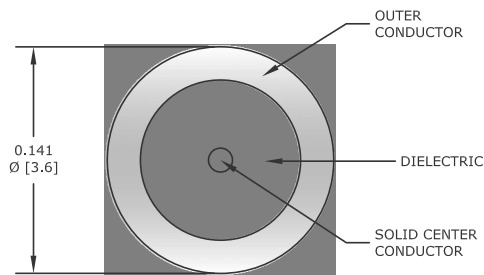


ELECTRICAL DATA

- Frequency Range : 33 GHz
- Capacitance : 92 pF/m
- Velocity of Propagation : 71 %
- Signal Delay : 4.7 ns/m
- Insulation Resistance : > 1× 108 MΩm
- Min Screening Effectiveness : > 100 dB (up to 18 GHz)
- Max. Operating Temperature : 1.9 KVRms (at sea Level)
- Test Voltage : 5 KVRms (50Hz /1 min)
- Impedance : 50 Ω + 2
- Temperature Range : -65°C to 165°C

CONSTRUCTION

Material	Specification	Diameter (mm)
Centre Conductor	Copper, Silver Plated Wire	0.95mm
Dielectric	PTFE	2.95mm
Outer Conductor	Copper, Tin Plated	3.58mm





DIPESHWARI ENGINEERING WORKS

-  A-12,13, Reena Shopping Center, Parshwnath Township,
Krishnanagar, New Naroda, Ahmedabad-382345.
-  8980 3131 30, 9638 99 5555
-  info@dipeshwari.com
-  www.dipeshwari.com

