



PTFE-FEP Coaxial Cable

Good quality & Good service based on reasonable prices.

- + OEM customized production according to your requirements.
- + Standardized products and services according to our own brand.



RG 141 A/U

Construction Parameters:

Inner Conductor	1/0.94±0.01mm Silver Plated Copper Clad Steel
Dielectric	2.95 ±0.05mm PTFE (White)
Shield 1	16×7×0.12mm Silver Plated Copper
	Density of braiding: 95% ± 3%
Jacket	4.32±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

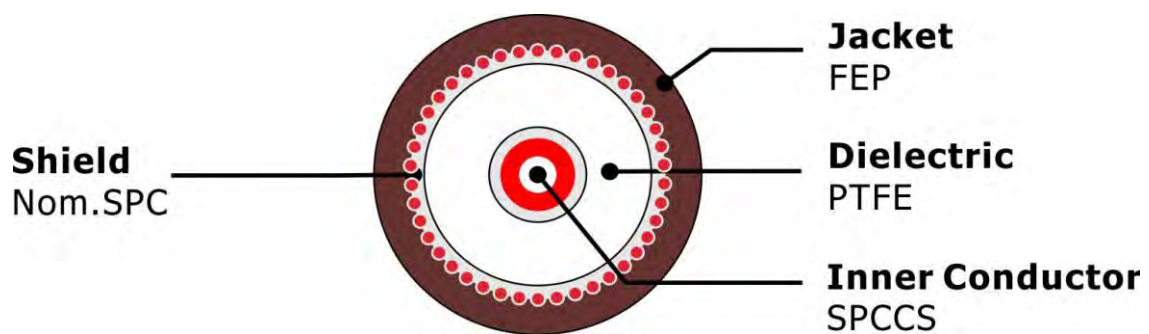
Capacitance	96±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	1900 VMS
Max Operating Frequency	3000 MHz



Mechanical and Environmental Properties:

Cable bend radius	20 mm
Operating Temp Range	-55 °C to 200°C
Installation Temp Range	-5 °C to 20°C

Cross Section:





RG 142 (NO.7101208)

Construction Parameters:

Inner Conductor	1/0.94±0.01mm Silver Plated Copper Clad Steel
Dielectric	2.95±0.05mm PTFE (White)
Shield 1	16×7×0.12mm Silver Plated Copper
	Density of braiding: 95% ± 3%
Shield 2	16×7×0.12mm Silver Plated Copper
	Density of braiding: 93% ± 3%
Jacket	4.95±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

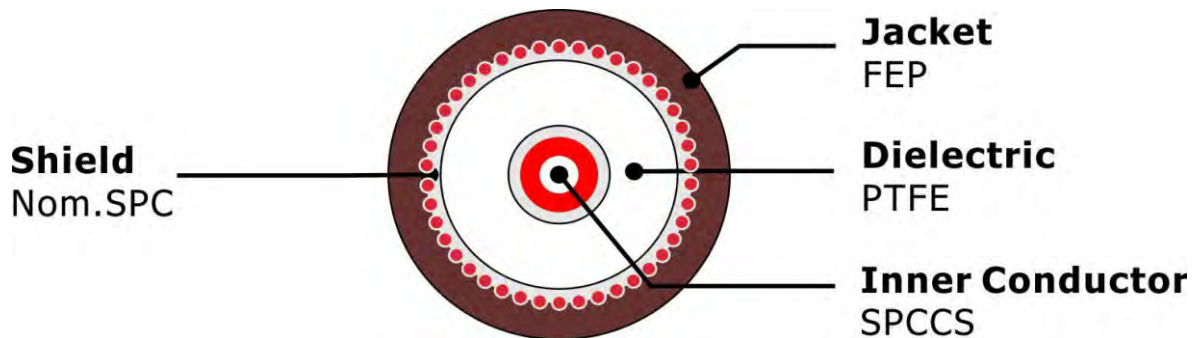
Capacitance	100±5 pF/m
Impedance	50 ±3 Ω
Velocity of Propagation	70%
Max Operating Voltage	1400 VMS
Max Operating Frequency	12400 MHz

Mechanical and Environmental Properties:

Cable bend radius	25 mm
Operating Temp Range	-55 °C to 200°C
Cable dimensions	2.54±0.10mm



Cross Section:





RG 178 (NO.7101211)

Construction Parameters:

Inner Conductor	7/0.102±0.01mm Silver Plated Copper Clad Steel
Dielectric	0.86 ±0.05mm PTFE (White)
Shield 1	16×3×0.10mm Silver Plated Copper Density of braiding: 96% ± 3%
Jacket	1.80±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

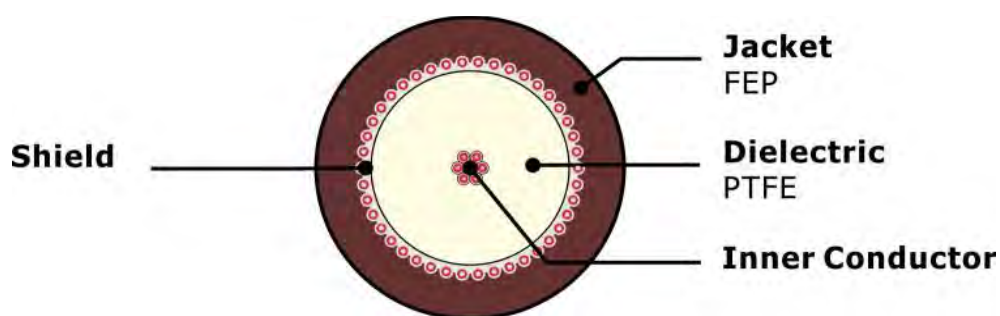
Capacitance	100±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	750 VMS
Max Operating Frequency	3000 MHz

Mechanical and Environmental Properties:

Cable bend radius	10 mm
Operating Temp Range	-55 °C to 200°C
Installation Temp Range	-5 °C to 20°C



Cross Section:





RG 179 (NO.7101213)

Construction Parameters:

Inner Conductor	7/0.10±0.01mm Silver Plated Copper Clad Steel
Dielectric	1.60mm PTFE (White)
Shield 1	16×5×0.10mm Silver Plated Copper OD after braiding: Nom. 2.04mm
Jacket	2.54±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

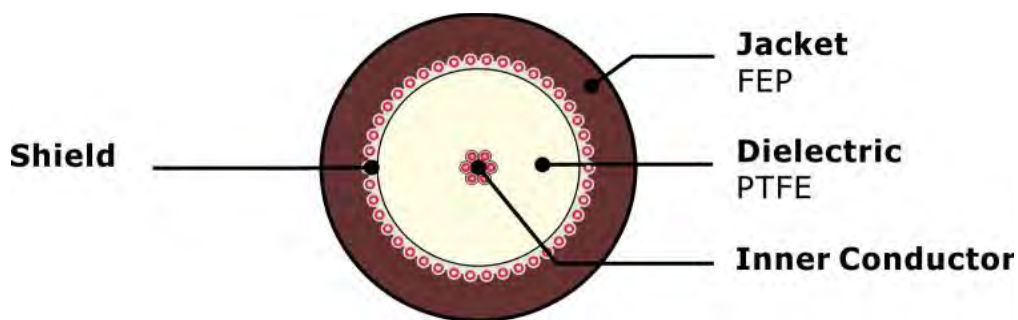
Capacitance	64±5 pF/m
Impedance	75 ±3 Ω
Velocity of Propagation	70%
Max Operating Voltage	1200 VMS
Max Operating Frequency	3000 MHz

Mechanical and Environmental Properties:

Cable bend radius	10 mm
Operating Temp Range	-55 °C to 200°C
Cable dimensions	2.54±0.10mm



Cross Section:





RG 302 (NO.7101217)

Construction Parameters:

Inner Conductor	1/0.64±0.01mm Silver Plated Copper Clad Steel
Dielectric	3.71 ±0.05mm PTFE (White)
Shield 1	16×7×0.12mm Silver Plated Copper Density of braiding: 90% ± 3%
Jacket	5.13±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

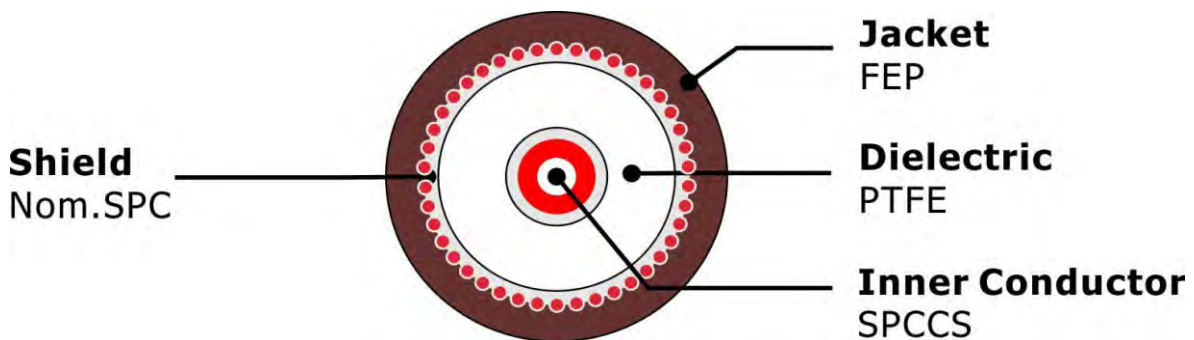
Capacitance	64±5 pF/m
Impedance	75 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	2300 VMS
Max Operating Frequency	3000 MHz



Mechanical and Environmental Properties:

Cable bend radius	25 mm
Operating Temp Range	-55 °C to 200°C
Installation Temp Range	-5 °C to 20°C

Cross Section:





RG 303 (NO.7101218)

Construction Parameters:

Inner Conductor	1/0.94±0.01mm Silver Plated Copper Clad Steel
Dielectric	2.95 ±0.05mm PTFE (White)
Shield 1	16×7×0.12mm Silver Plated Copper Density of braiding: 95% ± 3%
Jacket	4.32±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

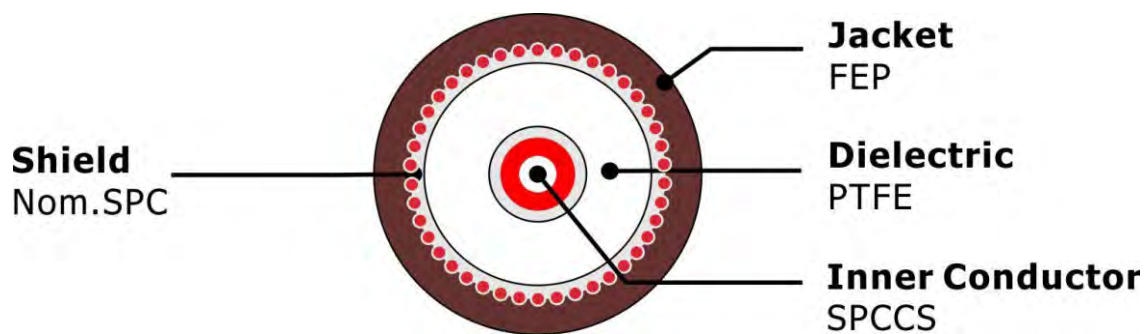
Capacitance	96±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	1900 VMS
Max Operating Frequency	3000 MHz



Mechanical and Environmental Properties:

Cable bend radius	20 mm
Operating Temp Range	-55 °C to 200°C
Installation Temp Range	-5 °C to 20°C

Cross Section:





RG 304 (NO.7101219)

Construction Parameters:

Inner Conductor	1/1.50±0.01mm Silver Plated Copper Clad Steel
Dielectric	4.70 ±0.05mm PTFE (White)
Shield 1	24×5×0.15mm Silver Plated Copper
	Density of braiding: 95% ± 3%
Shield 2	24×6×0.15mm Silver Plated Copper
	Density of braiding: 95% ± 3%
Jacket	7.11±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

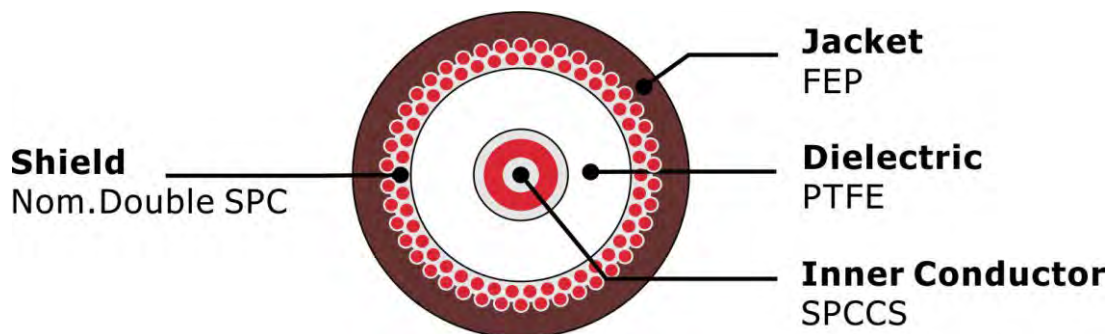
Capacitance	96±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	3000 VMS
Max Operating Frequency	12000 MHz

Mechanical and Environmental Properties:

Cable bend radius	36 mm
Operating Temp Range	-55 °C to 200°C
Installation Temp Range	-5 °C to 20°C



Cross Section:





RG 316FEP (NO.7101220)

Construction Parameters:

Inner Conductor	7/0.17±0.01mm Silver Plated Copper Clad Steel
Dielectric	1.52 ±0.05mm FEP
Shield 1	16×5×0.10mm Silver Plated Copper Density of braiding: 95%
Jacket	2.50±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

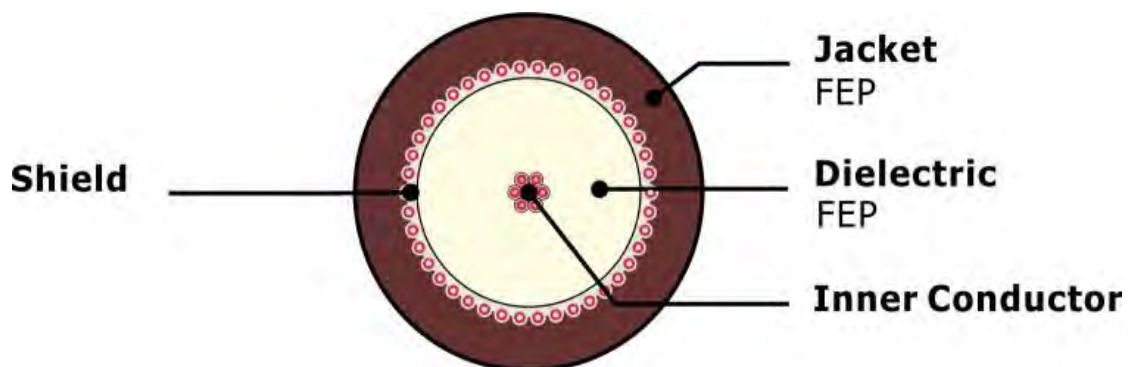
Capacitance	100±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	1200 VMS
Max Operating Frequency	3000 MHz

Mechanical and Environmental Properties:

Cable bend radius	13 mm
Operating Temp Range	-55 °C to 150°C
Installation Temp Range	-5 °C to 20°C



Cross Section:





RG 400 (NO.7101221)

Construction Parameters:

Inner Conductor	19/0.203±0.01mm Silver Plated Copper Clad Steel
Dielectric	2.95 ±0.05mm PTFE (White)
Shield 1	16×7×0.12mm Silver Plated Copper
	Density of braiding: 95% ± 3%
Shield 2	16×7×0.12mm Silver Plated Copper
	Density of braiding: 92% ± 3%
Jacket	4.95±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

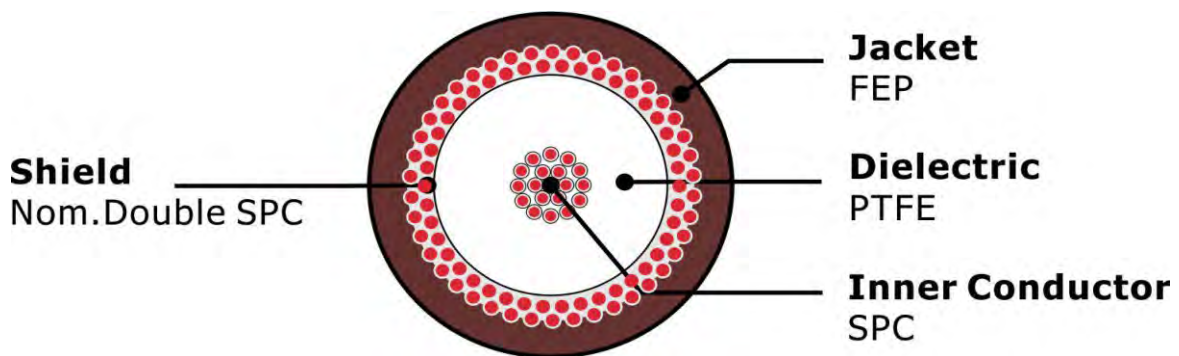
Capacitance	105±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	1400 VMS
Max Operating Frequency	12000 MHz



Mechanical and Environmental Properties:

Cable bend radius	25 mm
Operating Temp Range	-55 °C to 200°C
Installation Temp Range	-5 °C to 20°C

Cross Section:





RG 316 (NO.7101223)

Construction Parameters:

Inner Conductor	7/0.17±0.01mm Silver Plated Copper Clad Steel
Dielectric	1.52 ±0.05mm PTFE (White)
Shield 1	16×5×0.10mm Silver Plated Copper Density of braiding: 95%
Jacket	2.50±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

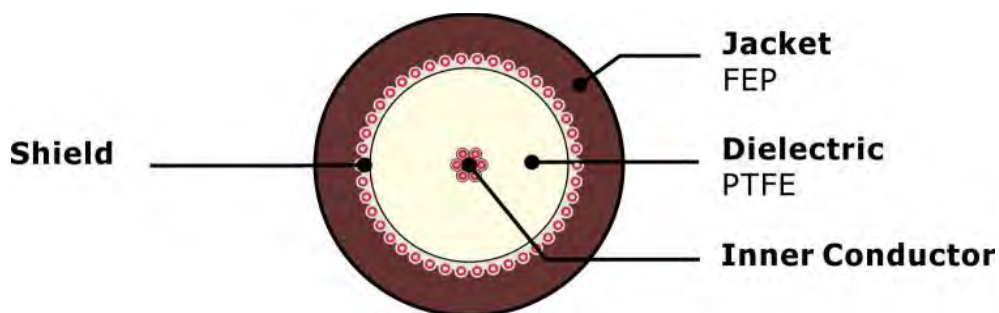
Capacitance	100±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	1200 VMS
Max Operating Frequency	3000 MHz

Mechanical and Environmental Properties:

Cable bend radius	13 mm
Operating Temp Range	-55 °C to 200°C
Installation Temp Range	-5 °C to 20°C



Cross Section:





RG 393 (NO.7101225)

Construction Parameters:

Inner Conductor	7/0.8±0.01mm Silver Plated Copper
Dielectric	7.24 ±0.05mm PTFE (White)
Shield 1	144×0.15mm Silver Plated Copper
	Density of braiding: 95%
Shield 2	168×0.15mm Silver Plated Copper
	Density of braiding: 98%
Jacket	9.90±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

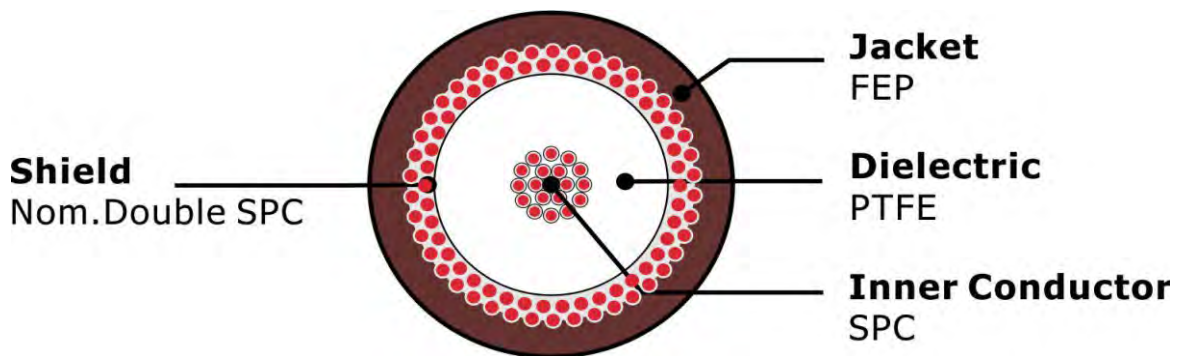
Capacitance	97±5 pF/m
Impedance	50 ±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	1875 VMS
Max Operating Frequency	11000 MHz



Mechanical and Environmental Properties:

Cable bend radius	100 mm
Operating Temp Range	-55 °C to 200°C
Installation Temp Range	-5 °C to 20°C

Cross Section:





RG 180 (NO.7101226)

Construction Parameters:

Inner Conductor	7/0.10±0.01mm Silver Plated Copper Clad Steel
Dielectric	2.59mm PTFE (White)
Shield 1	16×7×0.10mm Silver Plated Copper Density of braiding: 91% ± 3%
Jacket	3.56±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics:

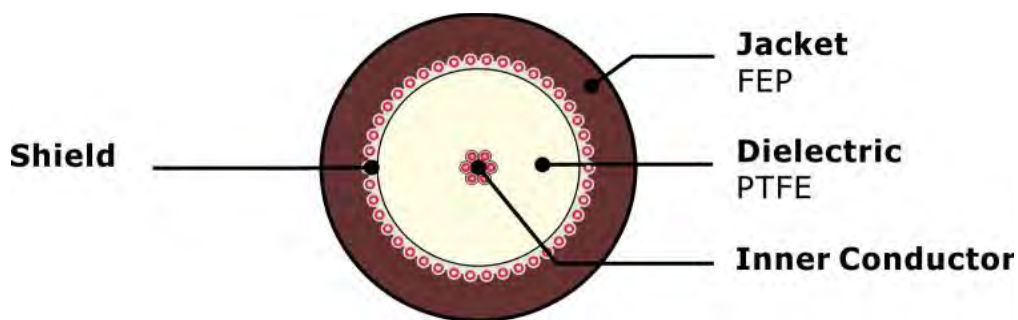
Capacitance	51±5 pF/m
Impedance	75 ±3 Ω
Velocity of Propagation	70%
Max Operating Voltage	1500 VMS
Max Operating Frequency	400 MHz

Mechanical and Environmental Properties:

Cable bend radius	10 mm
Operating Temp Range	-55 °C to 200°C
Cable dimensions	2.54±0.10mm



Cross Section:



 GLOBAL MARKET

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