

Application

- RF coaxial cable **connected circuit elements, devices, and other components, measuring instruments**, so that the signals and power can be effectively transmitted to another device, and are not disturbed.

Specification

- Coaxial Cable Assembly SS Series
SS Series / Double Shielding / 50Ω

Type	Frequency (GHz) max.	Jacket	Center-conductor diameter (mm)	Dielectric diameter (mm)	Inner shield diameter (mm)	Outer shield diameter (mm)	Overall diameter (mm)	Bend radius (mm)	Capacitance (pf/m)
SS402	18	Blue FEP	0.94	2.97	3.25	3.58	4.14	20.32	96.39
SS405	18	Blue FEP	0.51	1.63	1.80	2.18	2.64	20.32	96.39

SS Series-Attenuation (dB/100m) 1m=100cm

Type	400MHz	1GHz	3GHz	5GHz	10GHz	18GHz
SS402	26.25	42.65	75.46	98.43	147.64	209.97
SS405	45.93	75.46	127.95	170.60	262.47	360.89

- Coaxial Cable Assembly FF Series
FF Series / Double Shielding / 50Ω / semi-flex cable

Type	Frequency (GHz) max.	Jacket	Center-conductor diameter (mm)	Dielectric diameter (mm)	Inner shield diameter (mm)	Outer shield diameter (mm)	Overall diameter (mm)	Bend radius (mm)	Capacitance (pf/m)
FF402	18	Blue FEP	0.94	2.95	*	3.61	3.61	0.23	93.94
FF405	18	Blue FEP	0.56	1.68	*	2.21	2.21	0.23	308.2

FF Series-Attenuation (dB/100m) 1m=100cm

Type	1GHz	3GHz	5GHz	10GHz	12GHz	18GHz
FF402	131.0	239.0	321.0	495.0	557.0	721.0
FF405	140.0	416.0	563.0	816.0	*	1134.0

Coaxial Cable Assembly-RG Series

RG Series / Double Shielding / 50 Ω

Type	Frequency (GHz) max.	Jacket	Center-conductor diameter (mm)	Dielectric diameter (mm)	Inner shield diameter (mm)	Outer shield diameter (mm)	Overall diameter (mm)	Bend radius (mm)	Capacitance (pf/m)
RG142	5	FEP	0.94	2.95	*	*	4.95	25.40	96.39
RG223	5	FEP	0.90	2.95	*	*	5.40	27.00	100
RG400	10	FEP	0.98 (19/0.20 mm)	2.95	*	*	4.95	25.40	96.39

RG Series-Attenuation (db/100m) 1m=100cm

Type	400MHz	1GHz	3GHz	5GHz	10GHz	18GHz
RG142	11.7	19.0	35.0	48.0	*	*
RG223	93.18	150.59	272.64	369.75	*	*
RG400	10.5	17.0	38.0	50.0	78.0	*

RG Series / Single Shielding / 50Ω

Type	Frequency (GHz) max.	Jacket	Center-conductor diameter (mm)	Dielectric diameter (mm)	Inner shield diameter (mm)	Outer shield diameter (mm)	Overall diameter (mm)	Bend radius (mm)	Capacitance (pf/m)
RG178	3	FEP	0.30 (7/0.10 mm)	0.84	*	*	1.80	10.16	96.39
RG316	3	FEP	0.51 (7/0.17 mm)	1.52	*	*	2.49	12.70	96.39

RG Series-Attenuation (dB/100m) 1m=100cm

Type	100MHz	400MHz	3GHz	5GHz	10GHz	18GHz
RG178	108.27	170.60	308.40	*	*	*
RG316	68.90	124.67	190.29	*	*	*

RG Series / Single Shielding / 75Ω

Type	Frequency (GHz) max.	Jacket	Center-conductor diameter (mm)	Dielectric diameter (mm)	Inner shield diameter (mm)	Outer shield diameter (mm)	Overall diameter (mm)	Bend radius (mm)	Capacitance (pf/m)
RG179	2.5	FEP	0.30 (7/0.10 mm)	1.60	*	*	2.54	10.16	63.61

RG Series-Attenuation (dB/100m) 1m=100cm

Type	400MHz	1GHz	2.5GHz	5GHz	10GHz	18GHz
RG179	56.0	110.0	144.0	*	*	*

Coaxial Cable Assembly - CFD Series

CFD Series / Double Shielding / 50Ω / Low loss Cable

Type	Frequency (GHz) max.	Jacket	Center-conductor diameter (mm)	Dielectric diameter (mm)	Inner shield diameter (mm)	Outer shield diameter (mm)	Overall diameter (mm)	Bend radius (mm)	Capacitance (pf/m)
CFD200	5	PE	1.12	2.95	3.07	3.66	5.0	12.7	80.33
CFD400	5	PE	2.74	7.24	7.35	8.1	10.3	25.4	78.69
CFD500	5	PE	4.90	12.5	*	14.0	16.0	125	77.38

CFD Series-Attenuation (dB/100m) 1m=100cm

Type	450MHz	900MHz	2.5GHz	5GHz	10GHz	18GHz
CFD200	11.7	19.0	35.0	48.0	*	*
CFD400	10.5	17.0	38.0	50.0	*	*
CFD500	7.1	10.3	18.0	29.1	*	*