

Coaxial Cable Semi-Flex & Semi-Rigid

- .034, .047, .086, .141, .250 ins. O/D
- Copper, Aluminium & Composite
- Choice of Plating
- Lengths to 50ft, 15m
- Choice of Impedance
- Very Cost Effective



General Specifications

Impedance	50 ohms
Outer Conductor Material	See table
Dielectric Material	PTFE
Centre Conductor Material	Table code
Silver Plated Copper-clad Steel	SPST
Silver Plated Copper	SPC
Operating Temperature Range	-55+125C
Attenuation data is at	+20C, Sea level, dB/100m max.
Power Rating data is at	5GHz, +20C, Sea level, CW, watts
Power Rating	Increases for frequencies below 5GHz Decreases for frequencies above 5GHz Please contact factory for additional information

Part Number	Nom. O/Dins.	Type (1)	Outer Conductor Material (2)	Overall Outer Dia. (mm)	Centre Conductor Material	Centre Conductor Dia. (mm)	Attenuation (dB/100m) max.					Inside Bend Radius (mm) min.	Power at 5GHz (watts) max.
							0.5 (GHz)	1 (GHz)	5 (GHz)	10 (GHz)	20 (GHz)		
ASF-047	.047	SF	C/TC	1.19	SPST	0.29	79	112	258	373	544	4.00	19.1
ASF-086	.086	SF	C/TC	2.10	SPST	0.51	45	64	151	222	329	6.00	52.2
ASF-141	.141	SF	C/TC	3.52	SPST	0.92	26	39	92	138	210	8.00	126.7
ASF-250	.250	SF	C/TC	6.10	SPC	1.65	17	25	63	98	N/A	30.00	210.0
ASR-086	.086	SF	A/TP	2.20	SPST	0.51	45	64	151	222	329	7.63	52.2
ASR-141	.141	SF	A/TP	3.58	SPST	0.92	26	38	91	137	209	12.50	126.7
ASR-250	.250	SF	A/TP	6.35	SPC	1.65	16	24	61	94	N/A	22.23	265.3
CSR-034	.034	SR	PC	0.86	SPST	0.20	112	159	362	520	752	3.00	11.1
CSR-047	.047	SR	PC	1.19	SPST	0.29	79	113	259	374	544	4.20	24.7
CSR-086	.086	SR	PC	2.20	SPST	0.51	45	64	151	222	329	7.63	69.8
CSR-141	.141	SR	PC	3.58	SPST	0.92	26	38	91	137	209	12.50	174.4
CSR-250	.250	SR	PC	6.35	SPC	1.65	16	24	61	94	N/A	22.23	364.4
CSR-034T	.034	SR	C/TP	0.86	SPST	0.20	112	159	362	520	752	3.00	9.5
CSR-047T	.047	SR	C/TP	1.19	SPST	0.29	79	113	259	374	544	4.20	20.7
CSR-086T	.086	SR	C/TP	2.20	SPST	0.51	45	64	151	222	329	7.63	57.2
CSR-141T	.141	SR	C/TP	3.58	SPST	0.92	26	38	91	137	209	12.50	140.4
CSR-250T	.250	SR	C/TP	6.35	SPC	1.65	16	24	61	94	N/A	22.23	290.0

(1) SF = Semi Flexible, SR = Semi Rigid

(2) C/TC = Copper/Tin Composite, A/TP = Aluminium, Tin Plated, PC = Plain Copper, C/TP = Copper, Tin Plated

Data for Capacitance, Corona, Voltage Withstand and Moding Frequency is also available. Please contact factory for additional information.

Options: • Alternative Impedances

- FEP Jacket for Semi-Flexible types
- Silver Plated Copper Outer Conductor for Semi-Rigid types
- Silver Plated Copper Centre Conductor for some .086 and .141 types
- Low Loss versions are also available – See separate data sheet.
- Fully Flexible Cables are also available – See separate data sheet.

Note:

Material options will affect electrical and mechanical performance, including attenuation and power rating.

Please contact factory for additional information.

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.