



**MICRO-COAX**  <sup>®</sup>  
PROVEN RELIABLE

## MICROWAVE & RF CABLE

Semi-Rigid, hand-formable & flexible microwave cable

# STANDARD NON-50 OHM IMPEDANCE Semi-Rigid CABLES

Cables with impedances from 10 to 100 ohms and diameters from 0.020 to 0.250 inch, Micro-Coax's ODD impedance Semi-Rigid cables are the right solution for any impedance matching requirement.

Micro-Coax Description	UT-034C-10	UT-043C-10	UT-070C-10	UT-075C-10	UT-044-12
Micro-Coax Description (Tin Plated)	UT-034C-10-TP	UT-043C-10-TP	UT-070C-10-TP	UT-075C-10-TP	UT-044-12-TP

DIMENSIONS		Units				
Outer Conductor Diameter (+ 0.001 inch for tin plate)	inch	0.034 ± 0.001	0.043 ± 0.001	0.070 ± 0.001	0.075 ± 0.001	0.044 ± 0.002
	millimeter	0.864 ± 0.025	1.092 ± 0.025	1.778 ± 0.025	1.905 ± 0.025	1.118 ± 0.051
Center Conductor Diameter	inch	0.0201 ± 0.0005	0.0285 ± 0.0005	0.0403 ± 0.0005	0.0453 ± 0.0010	0.0226 ± 0.0005
	millimeter	0.5105 ± 0.0127	0.7239 ± 0.0127	1.0236 ± 0.0127	1.1506 ± 0.0254	0.5740 ± 0.0127
Straight Length (Maximum)	feet	15	15	20	20	15
	meter	4.57	4.57	6.10	6.10	4.57

MATERIALS						
Outer Conductor		Copper	Copper	Copper	Copper	Copper
Outer Conductor Plating		None	None	None	None	None
Dielectric		PFA	PFA	PTFE	PTFE	PFA
Center Conductor		SPC	SPC	SPC	SPC	SPCW
RoHS Compliant		Yes	Yes	Yes	Yes	Yes

MECHANICAL CHARACTERISTICS						
Outer Conductor Integrity Temp.	°C	175	175	150	150	175
Operating Temperature (Max.)	°C	150	150	125	125	150
Inside Bend Radius (Minimum)	inch	0.125	0.125	0.125	0.125	0.125
	millimeter	3.175	3.175	3.175	3.175	3.175
Weight	lbs/100 ft	0.32	0.47	1.35	1.50	0.51
	kg/100 m	0.48	0.71	2.03	2.25	0.77

ELECTRICAL CHARACTERISTICS						
Characteristic Impedance	ohm	10.0 ± 1.5	10.0 ± 1.5	10.0 ± 2.0	10.0 ± 1.0	12.0 ± 2.0
Capacitance	pF/ft	145.1	145.1	145.1	145.1	120.9
	pF/m	476.0	476.0	476.0	476.0	396.6
Velocity of Propagation	%	70	70	70	70	70
Corona Extinction Voltage	VRMS @ 60 Hz	200	200	500	500	150
Voltage Withstanding	VRMS @ 60 Hz	600	900	1200	1500	900
Higher Order Mode Frequency	GHz	117	82	58	51	100
Attenuation (dB/100 ft, Typical)	0.5 GHz	100.2	65.7	50.7	42.2	66.9
	1.0 GHz	142.0	93.2	72.0	59.9	94.9
	5.0 GHz	320.3	211.3	163.3	136.2	215.0
	10.0 GHz	456.0	301.9	233.4	195.1	307.1
	18.0 GHz	616.6	409.8	316.9	265.6	416.7
	26.5 GHz	752.9	502.0	388.4	326.1	510.5
	40.0 GHz	932.8	624.5	483.4	406.8	634.9
	50.0 GHz	1,048.4	703.7	544.8	459.2	715.3
	65.0 GHz	1,203.6	810.7	-	-	823.9
Power (Watts CW @ 20 °C, Maximum for non plated outer conductor)	0.5 GHz	15.0	27.6	43.2	55.0	27.6
	1.0 GHz	10.6	19.5	30.5	38.8	19.5
	5.0 GHz	4.7	8.6	13.5	17.1	8.6
	10.0 GHz	3.3	6.0	9.5	12.0	6.0
	18.0 GHz	2.4	4.5	7.0	8.8	4.5
	26.5 GHz	2.0	3.6	5.7	7.2	3.7
	40.0 GHz	1.6	2.9	4.6	5.8	2.9
	50.0 GHz	1.4	2.6	4.1	5.1	2.6
	65.0 GHz	1.3	2.3	-	-	2.3
90.0 GHz	1.1	-	-	-	1.9	

# STANDARD NON-50 OHM IMPEDANCE Semi-Rigid CABLES

Micro-Coax Description	UT-020-13	UT-085C-15	UT-141C-15	UT-034C-17	UT-062-18
Micro-Coax Description (Tin Plated)	UT-020-13-TP	UT-085C-15-TP	UT-141C-15-TP	UT-034C-17-TP	UT-062-18-TP

DIMENSIONS		Units				
Outer Conductor Diameter (+ 0.001 inch for tin plate)	inch	0.023 ± 0.001	0.0865 ± 0.0010	0.141 ± 0.001	0.034 ± 0.001	0.062 ± 0.001
	millimeter	0.584 ± 0.025	2.197 ± 0.025	3.581 ± 0.025	0.864 ± 0.025	1.575 ± 0.025
Center Conductor Diameter	inch	0.0126 ± 0.0005	0.0453 ± 0.0005	0.0800 ± 0.0010	0.0159 ± 0.0005	0.0320 ± 0.0005
	millimeter	0.3200 ± 0.0127	1.1506 ± 0.0127	2.0320 ± 0.0254	0.4039 ± 0.0127	0.8128 ± 0.0127
Straight Length (Maximum)	feet	10	20	20	15	20
	meter	3.05	6.10	6.10	4.57	6.10

MATERIALS						
Outer Conductor		Copper	Copper	Copper	Copper	Copper
Outer Conductor Plating		None	None	None	None	None
Dielectric		PTFE	PTFE	PTFE	PTFE	PTFE
Center Conductor		SPCW	SPC	SPC	SPC	SPCW
RoHS Compliant		Yes	Yes	Yes	Yes	Yes

MECHANICAL CHARACTERISTICS						
Outer Conductor Integrity Temp.	°C	125	150	175	175	150
Operating Temperature (Max.)	°C	100	125	150	150	125
Inside Bend Radius (Minimum)	inch	0.050	0.250	0.188	0.125	0.125
	millimeter	1.270	6.350	4.775	3.175	3.175
Weight	lbs/100 ft	0.13	1.83	4.74	0.28	0.87
	kg/100 m	0.20	2.75	7.12	0.42	1.31

ELECTRICAL CHARACTERISTICS						
Characteristic Impedance	ohm	13.0 ± 3.0	15.0 ± 1.0	15.0 ± 1.0	17.0 ± 1.0	18.0 ± 2.0
Capacitance	pF/ft	111.6	96.7	96.7	85.3	80.6
	pF/m	366.1	317.3	317.3	280.0	264.4
Velocity of Propagation	%	70	70	70	70	70
Corona Extinction Voltage	VRMS @ 60 Hz	150	850	750	200	1100
Voltage Withstanding	VRMS @ 60 Hz	600	2400	3900	1200	2100
Higher Order Mode Frequency	GHz	178	47	27	129	65
Attenuation (dB/100 ft, Typical)	0.5 GHz	112.2	24.4	15.0	55.5	29.8
	1.0 GHz	158.9	34.7	21.4	78.7	42.4
	5.0 GHz	357.5	79.9	50.2	178.3	97.0
	10.0 GHz	508.0	115.5	73.4	254.6	139.6
	18.0 GHz	685.4	158.7	102.2	345.4	191.1
	26.5 GHz	835.5	196.4	127.9	422.9	235.8
	40.0 GHz	1,032.7	247.5	-	525.8	295.9
	50.0 GHz	1,159.0	-	-	592.2	335.2
	65.0 GHz	1,328.1	-	-	681.9	388.9
	90.0 GHz	1,574.0	-	-	813.6	-
Power (Watts CW @ 20 °C, Maximum for non plated outer conductor)	0.5 GHz	6.2	106.9	320.6	27.0	66.7
	1.0 GHz	4.4	75.2	224.7	19.0	46.9
	5.0 GHz	2.0	32.8	96.8	8.4	20.6
	10.0 GHz	1.4	22.8	66.6	5.9	14.3
	18.0 GHz	1.0	16.7	48.2	4.4	10.5
	26.5 GHz	0.8	13.5	38.7	3.6	8.6
	40.0 GHz	0.7	10.8	-	2.9	6.8
	50.0 GHz	0.6	-	-	2.6	6.1
	65.0 GHz	0.5	-	-	2.2	5.2
	90.0 GHz	0.4	-	-	1.9	-

# STANDARD NON-50 OHM IMPEDANCE Semi-Rigid CABLES

Micro-Coax Description		UT-062C-18	UT-034-25	UT-038C-25	UT-047C-25	UT-070C-25
Micro-Coax Description (Tin Plated)		UT-062C-18-TP	UT-034-25-TP	UT-038C-25-TP	UT-047C-25-TP	UT-070C-25-TP
<b>DIMENSIONS</b>		Units				
Outer Conductor Diameter (+ 0.001 inch for tin plate)	inch	0.062 ± 0.001	0.034 ± 0.001	0.038 ± 0.002	0.047 ± 0.003	0.070 ± 0.001
	millimeter	1.575 ± 0.025	0.864 ± 0.025	0.965 ± 0.051	1.194 ± 0.076	1.778 ± 0.025
Center Conductor Diameter	inch	0.0320 ± 0.0005	0.0126 ± 0.0005	0.0159 ± 0.0005	0.0159 ± 0.0005	0.0314 ± 0.0005
	millimeter	0.8128 ± 0.0127	0.3200 ± 0.0127	0.4039 ± 0.0127	0.4039 ± 0.0127	0.7976 ± 0.0127
Straight Length (Maximum)	inch	20	15	15	20	20
	millimeter	6.10	4.57	4.57	6.10	6.10

## MATERIALS

Outer Conductor	Copper	Copper	Copper	Copper	Copper
Outer Conductor Plating	None	None	None	None	None
Dielectric	PTFE	PTFE	PTFE	PTFE	PTFE
Center Conductor	SPC	SPCW	SPC	SPC	SPC
RoHS Compliant	Yes	Yes	Yes	Yes	Yes

## MECHANICAL CHARACTERISTICS

Outer Conductor Integrity Temp.	°C	150	175	175	175	150
Operating Temperature (Max.)	°C	125	150	150	150	125
Inside Bend Radius (Minimum)	inch	0.125	0.050	0.125	0.125	0.125
	millimeter	3.175	1.270	3.175	3.175	3.175
Weight	lbs/100 ft	0.89	0.28	0.33	0.58	1.04
	kg/100 m	1.34	0.42	0.50	0.87	1.56

## ELECTRICAL CHARACTERISTICS

Characteristic Impedance	ohm	18.0 ± 2.0	25.0 ± 2.0	25.0 ± 3.0	25.0 ± 3.0	25.0 ± 1.5
Capacitance	pF/ft	80.6	58.0	58.0	58.0	58.0
	pF/m	264.4	190.4	190.4	190.4	190.4
Velocity of Propagation	%	70	70	70	70	70
Corona Extinction Voltage	VRMS @ 60 Hz	1100	200	200	850	1500
Voltage Withstanding	VRMS @ 60 Hz	2100	1200	1500	1500	3000
Higher Order Mode Frequency	GHz	65	148	120	120	60
Attenuation (dB/100 ft, Typical)	0.5 GHz	29.8	49.9	42.6	42.6	21.2
	1.0 GHz	42.4	70.7	60.5	60.5	30.3
	5.0 GHz	97.0	160.5	137.6	137.6	70.0
	10.0 GHz	139.6	229.4	197.1	197.1	101.4
	18.0 GHz	191.1	311.6	268.2	268.2	139.8
	26.5 GHz	235.8	382.0	329.3	329.3	173.5
	40.0 GHz	295.9	475.5	410.7	410.7	219.4
	50.0 GHz	335.2	536.0	463.6	463.6	249.7
	65.0 GHz	388.9	617.7	535.2	535.2	-
Power (Watts CW @ 20 °C, Maximum for non plated outer conductor)	0.5 GHz	66.7	30.0	38.4	45.6	103.2
	1.0 GHz	46.9	21.2	27.1	32.2	72.5
	5.0 GHz	20.6	9.4	12.0	14.2	31.5
	10.0 GHz	14.3	6.6	8.4	9.9	21.9
	18.0 GHz	10.5	4.8	6.2	7.3	15.9
	26.5 GHz	8.6	4.0	5.0	6.0	12.9
	40.0 GHz	6.8	3.2	4.0	4.8	10.2
	50.0 GHz	6.1	2.8	3.6	4.3	9.0
	65.0 GHz	5.2	2.5	3.1	3.7	-
90.0 GHz	-	2.1	2.6	3.1	-	

# STANDARD NON-50 OHM IMPEDANCE Semi-Rigid CABLES

Micro-Coax Description	UT-090C-25	UT-141C-25	UT-064SS-SS-30	UT-047C-35	UT-090C-35
Micro-Coax Description (Tin Plated)	UT-090C-25-TP	UT-141C-25-TP	-	UT-047C-35-TP	UT-090C-35-TP

## DIMENSIONS

		Units				
Outer Conductor Diameter (+ 0.001 inch for tin plate)	inch	0.090 ± 0.001	0.141 ± 0.001	0.064 +0.002/-0.001	0.047 ± 0.001	0.090 ± 0.001
	millimeter	2.286 ± 0.025	3.581 ± 0.025	1.626 +0.051/-0.025	1.194 ± 0.025	2.286 ± 0.025
Center Conductor Diameter	inch	0.0403 ± 0.0010	0.0640 ± 0.0010	0.0201 ± 0.0010	0.0159 ± 0.0005	0.0320 ± 0.0010
	millimeter	1.0236 ± 0.0254	1.6256 ± 0.0254	1.6256 ± 0.0254	0.4039 ± 0.0127	0.8128 ± 0.0254
Straight Length (Maximum)	inch	20	20	20	20	20
	meter	6.10	6.10	6.10	6.10	6.10

## MATERIALS

Outer Conductor	Copper	Copper	304 SS	Copper	Copper
Outer Conductor Plating	None	None	None	None	None
Dielectric	PTFE	PTFE	PTFE	PTFE	PTFE
Center Conductor	SPC	SPC	304 SS	SPC	SPC
RoHS Compliant	Yes	Yes	Yes	Yes	Yes

## MECHANICAL CHARACTERISTICS

Outer Conductor Integrity Temp.	°C	175	175	225	175	150
Operating Temperature (Max.)	°C	125	125	200	150	125
Inside Bend Radius (Minimum)	inch	0.125	0.188	0.25	0.125	0.125
	millimeter	3.175	4.775	6.35	3.175	3.175
Weight	lbs/100 ft	1.69	4.02	0.88	0.43	1.51
	kg/100 m	2.54	6.04	1.31	0.65	2.27

## ELECTRICAL CHARACTERISTICS

Characteristic Impedance	ohm	25.0 ± 1.0	25.0 ± 1.0	30.0 ± 4.0	35.0 ± 1.5	35.0 ± 1.0
Capacitance	pF/ft	58.0	58.0	48.4	41.5	41.5
	pF/m	190.4	190.4	158.7	136.0	136.0
Velocity of Propagation	%	70	70	70	70	70
Corona Extinction Voltage	VRMS @ 60 Hz	750	1000	900	850	1500
Voltage Withstanding	VRMS @ 60 Hz	3900	6300	2700	2400	4800
Higher Order Mode Frequency	GHz	46	29	85	100	50
Attenuation (dB/100 ft, Typical)	0.5 GHz	16.1	10.1	161.7	26.2	13.3
	1.0 GHz	23.0	14.6	228.9	37.3	19.1
	5.0 GHz	53.8	34.8	514.1	85.7	45.1
	10.0 GHz	78.5	51.7	729.5	123.6	66.2
	18.0 GHz	109.2	73.2	982.6	169.7	92.6
	26.5 GHz	136.3	92.7	1196.1	209.8	116.2
	40.0 GHz	173.7	-	1475.7	263.9	148.9
	50.0 GHz	-	-	1654.3	299.4	170.9
	65.0 GHz	-	-	1892.8	348.1	-
	90.0 GHz	-	-	-	420.8	-
Power (Watts CW @ 20 °C, Maximum for non plated outer conductor)	0.5 GHz	205.1	472.5	23.5	74.1	200.7
	1.0 GHz	143.8	329.7	16.6	52.1	140.4
	5.0 GHz	62.1	139.7	7.4	22.8	60.2
	10.0 GHz	42.8	95.0	5.2	15.9	41.3
	18.0 GHz	31.0	67.8	3.9	11.6	29.7
	26.5 GHz	25.0	54.0	3.2	9.4	23.8
	40.0 GHz	19.7	-	2.6	7.5	18.7
	50.0 GHz	-	-	2.3	6.7	16.4
	65.0 GHz	-	-	2.0	5.8	-
	90.0 GHz	-	-	-	4.8	-

# STANDARD NON-50 OHM IMPEDANCE Semi-Rigid CABLES

Micro-Coax Description	UT-141C-35	UT-047-70	UT-141-70	UT-141C-70	UT-085-75	UT-141-75
Micro-Coax Description (Tin Plated)	UT-141C-35-TP	UT-047-70-TP	UT-141-70-TP	UT-141C-70-TP	UT-085-75-TP	UT-141-75-TP

## DIMENSIONS

		Units					
Outer Conductor Diameter (+ 0.001 inch for tin plate)	inch	0.141 ± 0.001	0.047 ± 0.001	0.141 ± 0.001	0.141 ± 0.001	0.085 +0.002/-0.001	0.141 ± 0.001
	millimeter	3.581 ± 0.025	1.194 ± 0.025	3.581 ± 0.025	3.581 ± 0.025	2.159 +0.051/-0.025	3.581 ± 0.025
Center Conductor Diameter	inch	0.0508 ± 0.0010	0.0071 ± 0.0005	0.0201 ± 0.0005	0.0226 ± 0.0005	0.0113 ± 0.0005	0.0201 ± 0.0005
	millimeter	1.2903 ± 0.0254	0.1803 ± 0.0127	0.5105 ± 0.0127	0.5740 ± 0.0127	0.2870 ± 0.0127	0.5105 ± 0.0127
Straight Length (Maximum)	inch	20	20	20	20	20	20
	meter	6.10	6.10	6.10	6.10	6.10	6.10

## MATERIALS

Outer Conductor	Copper	Copper	Copper	Copper	Copper	Copper
Outer Conductor Plating	None	None	None	None	Tin	None
Dielectric	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
Center Conductor	SPC	SPCW	SPCW	SPC	SPCW	SPCW
RoHS Compliant	Yes	Yes	Yes	Yes	Yes	Yes

## MECHANICAL CHARACTERISTICS

Outer Conductor Integrity Temp.	°C	175	175	150	150	150	175
Operating Temperature (Max.)	°C	125	150	125	125	125	125
Inside Bend Radius (Minimum)	inch	0.250	0.050	0.188	0.188	0.125	0.075
	millimeter	6.350	1.270	4.775	4.775	3.175	1.905
Weight	lbs/100 ft	3.66	0.37	3.87	3.13	1.25	3.09
	kg/100 m	5.49	0.56	5.81	4.70	1.88	4.64

## ELECTRICAL CHARACTERISTICS

Characteristic Impedance	ohm	35.0 ± 2.0	70.0 ± 1.5	70.0 ± 1.0	70.0 ± 1.0	75.0 ± 1.0	75.0 ± 1.5
Capacitance	pF/ft	41.5	20.7	20.7	20.7	19.3	19.3
	pF/m	136.0	68.0	68.0	68.0	63.5	63.5
Velocity of Propagation	%	70	70	70	70	70	70
Corona Extinction Voltage	VRMS @ 60 Hz	1500	1000	2000	1500	1200	2000
Voltage Withstanding	VRMS @ 60 Hz	7800	3600	9600	11100	6600	11400
Higher Order Mode Frequency	GHz	31	117	43	38	67	38
Attenuation (dB/100 ft, Typical)	0.5 GHz	8.6	24.6	9.2	8.2	14.5	8.4
	1.0 GHz	12.4	35.0	13.3	11.8	20.7	12.1
	5.0 GHz	30.1	80.5	32.0	28.7	48.7	29.4
	10.0 GHz	45.0	116.2	47.7	43.0	71.3	44.1
	18.0 GHz	64.1	159.8	67.8	61.5	99.4	62.9
	26.5 GHz	81.7	197.7	86.2	78.5	124.5	80.2
	40.0 GHz	-	249.1	112.1	-	159.1	-
	50.0 GHz	-	282.9	-	-	182.3	-
	65.0 GHz	-	329.2	-	-	214.5	-
Power (Watts CW @ 20 °C, Maximum for non plated outer conductor)	0.5 GHz	552.5	78.1	409.5	463.2	144.0	549.1
	1.0 GHz	384.6	55.0	285.4	322.2	100.8	382.3
	5.0 GHz	161.5	24.0	120.2	134.7	43.4	160.6
	10.0 GHz	109.2	16.7	81.5	90.9	29.8	108.6
	18.0 GHz	77.5	12.2	57.9	64.3	21.5	77.1
	26.5 GHz	61.3	9.9	46.0	50.8	17.3	61.0
	40.0 GHz	-	7.9	35.7	-	13.6	-
	50.0 GHz	-	7.0	-	-	11.9	-
	65.0 GHz	-	6.0	-	-	10.2	-
90.0 GHz	-	5.0	-	-	-	-	

# STANDARD NON-50 OHM IMPEDANCE Semi-Rigid CABLES

Micro-Coax Description	UT-141C-75	UT-250-75	UT-085-93	UT-130-93	UT-034-95	UT-141-100
Micro-Coax Description (Tin Plated)	UT-141C-75-TP	UT-250-75-TP	UT-085-93-TP	UT-130-93-TP	UT-034-95-TP	UT-141-100-TP

DIMENSIONS		Units					
Outer Conductor Diameter (+ 0.001 inch for tin plate)	inch	0.141 ± 0.001	0.250 ± 0.001	0.085 ± 0.001	0.130 ± 0.001	0.034 ± 0.001	0.141 ± 0.001
	millimeter	3.581 ± 0.025	6.350 ± 0.025	2.159 ± 0.025	3.302 ± 0.025	0.864 ± 0.025	3.581 ± 0.025
Center Conductor Diameter	inch	0.0201 ± 0.0005	0.0359 ± 0.0010	0.0080 ± 0.0005	0.0113 ± 0.0005	0.0028 ± 0.0005	0.0100 ± 0.0005
	millimeter	0.5105 ± 0.0127	0.9119 ± 0.0254	0.2032 ± 0.0127	0.2870 ± 0.0127	0.0711 ± 0.0127	0.2540 ± 0.0127
Straight Length (Maximum)	feet	20	20	20	20	15	20
	meter	6.10	6.10	6.10	6.10	6.10	6.10

MATERIALS							
Outer Conductor		Copper	Copper	Copper	Copper	Copper	Copper
Outer Conductor Plating		None	None	None	None	None	None
Dielectric		PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
Center Conductor		SPC	SPCW	SPCW	SPCW	SPCW	SPCW
RoHS Compliant		Yes	Yes	Yes	Yes	Yes	Yes

MECHANICAL CHARACTERISTICS							
Outer Conductor Integrity Temp.	°C	175	150	150	175	150	150
Operating Temperature (Max.)	°C	125	100	125	125	125	125
Inside Bend Radius (Minimum)	inch	0.250	0.500	0.125	0.188	0.050	0.250
	millimeter	6.350	12.700	3.175	4.775	1.270	6.350
Weight	lbs/100 ft	3.10	9.15	1.03	2.86	0.19	3.03
	kg/100 m	4.65	13.74	1.55	4.29	0.29	4.55

ELECTRICAL CHARACTERISTICS							
Characteristic Impedance	ohm	75.0 ± 1.5	75.0 ± 1.5	93.0 ± 2.0	93.0 ± 1.5	95.0 ± 4.0	100.0 ± 4.0
Capacitance	pF/ft	19.3	19.3	15.6	15.6	15.3	14.5
	pF/m	63.5	63.5	51.2	51.2	50.1	47.6
Velocity of Propagation	%	70	70	70	70	70	70
Corona Extinction Voltage	VRMS @ 60 Hz	2000	3000	1200	1500	1000	1500
Voltage Withstanding	VRMS @ 60 Hz	11400	20700	7500	10800	2700	12600
Higher Order Mode Frequency	GHz	38	21	65	46	177	41
Attenuation (dB/100 ft, Typical)	0.5 GHz	8.4	4.8	15.6	11.2	42.5	11.1
	1.0 GHz	12.1	7.1	22.3	16.1	60.4	15.9
	5.0 GHz	29.4	18.1	52.2	38.2	137.4	37.9
	10.0 GHz	44.1	28.1	76.3	56.4	196.7	56.0
	18.0 GHz	62.9	41.4	106.1	79.5	267.7	79.0
	26.5 GHz	80.2	-	132.6	100.4	328.7	99.7
	40.0 GHz	-	-	169.2	129.5	410.1	128.7
	50.0 GHz	-	-	193.5	-	462.8	-
	65.0 GHz	-	-	227.3	-	534.4	-
	90.0 GHz	-	-	-	-	640.0	-
Power (Watts CW @ 20 °C, Maximum for non plated outer conductor)	0.5 GHz	549.1	1,234.0	159.4	380.6	28.2	332.3
	1.0 GHz	382.3	849.1	111.8	266.1	19.9	232.2
	5.0 GHz	160.6	341.0	48.2	113.5	8.8	98.9
	10.0 GHz	108.6	224.0	33.2	77.6	6.1	67.5
	18.0 GHz	77.1	154.2	24.0	55.7	4.5	48.4
	26.5 GHz	61.0	-	19.3	44.5	3.7	38.6
	40.0 GHz	-	-	15.3	34.9	3.0	30.2
	50.0 GHz	-	-	13.4	-	2.6	-
	65.0 GHz	-	-	11.5	-	2.3	-
	90.0 GHz	-	-	-	-	1.9	-