

Micronetixx Technologies, LLC ~ 70 Commercial Street ~ Lewiston, ME 04240 USA

LINE SIZE	IMPED. OHMS	AN TYPE MIL-L-3890/1	MICRONETIXX IDENT. NO.	OUTER COND.		INNER COND.		DESCRIPTION	INSULATOR TYPE	ATTENUATION dB PER 100FT	AVG. POWER RATING (AMB. TEMP. 40 deg. C.)	60 Hz PEAK VOLT	LINE WEIGHT #/100 FT	SERVICE
				O.D.	I.D.	O.D.	I.D.							
9 3/16"	75		MI-27793-1	9.166	9.000	2.580	2.516	Universal Clamp Flange	Teflon	.0097 @10 MHz. .031 @ 100 MHz. .083 @ 700 MHz.	450 KW @50 MHz. 320 KW @ 100 MHz. 119 KW @ 700 MHz.	60 KV	1395	Below 700 MHz.
9 3/16"	50			9.166	9.000	3.910	3.812	Universal Clamp Flange	Teflon	.010 @ 10 MHz. .033 @ 100 MHz. .071 @ 500 MHz.	1400 KW @ 10 MHz. 380 KW @ 100 MHz. 180 KW @ 400 MHz.	60 KV	1415	Below 500 MHz.
6 1/8"	51.5		MI-19314-1	6.125	5.981	2.506	2.435	V.H.F.	Steatite	.08 @ 200 MHz. .055 @ 100 MHz. .013 @ 10 MHz.	235 KW @ 50 MHz. 166 KW @ 100 MHz. 118 KW @ 200 MHz.	35 KV	730	Below 250 MHz.
6 1/8"	75		MI-19387-1	6.125	5.981	1.711	1.661	U.H.F.	Teflon	.17 @ 1000 MHz. .043 @ 100 MHz. .015 @ 10 MHz.	500 KW @ 10 MHz. 170 KW @ 100 MHz. 52 KW @ 800 MHz.	35 KV	735	Below 900 MHz.
6 1/8"	75		MI-27792-1	6.125	5.981	1.711	1.661	Universal Clamp Flange	Teflon	.17 @ 1000 MHz. .043 @ 100 MHz. .015 @ 10 MHz.	500 KW @ 10 MHz. 170 KW @ 100 MHz. 52 KW @ 800 MHz.	35 KV	720	Below 1000 MHz.
6 1/8"	51.5			6.125	5.981	2.531	2.435	V.H.F.	Teflon	.015 @ 10 MHz. .046 @ 100 MHz. .14 @ 700 MHz.	600 KW @ 10 MHz. 190 KW @ 100 MHz. 67 KW @ 700 MHz.	35 KV	735	Below 700 MHz.
6 1/8"	50			6.125	5.981	2.600	2.520	Universal Clamp Flange	Teflon	.016 @ 10 MHz. .050 @ 100 MHz. .13 @ 700 MHz.	600 KW @ 10 MHz. 190 KW @ 100 MHz. 67 KW @ 700 MHz.	40 KV	735	Below 700 MHz.
6 1/8"	51.5			6.125	5.981	2.500	2.435	Universal Clamp Flange	Steatite	.08 @ 200 MHz. .055 @ 100 MHz. .013 @ 10 MHz.	235 KW @ 50 MHz. 166 KW @ 100 MHz. 118 KW @ 200 MHz.	35 KV	740	Below 250 MHz.
6 1/8"	50	RG-152/U		6.125	5.981	2.600	2.520	U.H.F.	Teflon	.016 @ 10 MHz. .050 @ 100 MHz. .13 @ 700 MHz.	600 KW @ 10 MHz. 190 KW @ 100 MHz. 67 KW @ 700 MHz.	40 KV	735	Below 700 MHz.
4 1/16"	50			4.062	3.935	1.711	1.655	U.H.F.	Teflon			30 KV		
3 1/8"	51.5		MI-19113-1	3.125	3.027	1.200	1.136	V.H.F.	Steatite	.22 @ 200 MHz. .14 @ 100 MHz. .038 @ 10 MHz.	58 KW @ 50 MHz. 42 KW @ 100 MHz. 27 KW @ 200 MHz.	20 KV	250	Below 250 MHz.
3 1/8"	50	RG-154/U	MI-19089-1	3.125	3.027	1.315	1.231	U.H.F.	Teflon	.30 @ 1000 MHz. .10 @ 100 MHz. .03 @ 10 MHz.	150 KW @ 10 MHz. 48 KW @ 100 MHz. 15 KW @1000 MHz.	20 KV	270	Below 1400 MHz.
3 1/8"	51.5		MI-19313-1	3.125	3.027	1.282	1.231	V.H.F.	Teflon	.16 @ 300 MHz. .094 @ 100 MHz. .03 @ 10 MHz.	58 KW @ 50 MHz. 44 KW @ 100 MHz. 31 KW @ 200 MHz.	20 KV	270	Below 400 MHz.
3 1/8"	72		MI-19111-1	3.125	3.027	0.875	0.812	V.H.F.	Steatite	.140 @ 200 MHz. .113 @ 100 MHz. .029 @ 10 MHz.	55 KW @ 50 MHz. 24 KW @ 100 MHz. 15 KW @ 200MHz.	20 KV	250	Below 250 MHz.
3 1/8"	50		MI-27791-1	3.125	3.027	1.315	1.231	Universal Clamp Flange	Teflon	.30 @ 1000 MHz. .10 @ 100 MHz. .03 @ 10 MHz.	150 KW @ 10 MHz. 48 KW @ 100 MHz. 15 KW @1000 MHz.	20 KV	270	Below 1400 MHz.
3 1/8"	125			3.125	3.027	0.375	0.311	V.H.F.	Teflon	.115 @ 100 MHz. .035 @ 10 MHz.	100 KW @ 10 MHz. 30 KW @ 100 MHz.	18 KV	250	Below 250 MHz.
2 1/8"	50			2.125	2.041	0.875	0.785		Teflon					
1 5/8"	51.5		MI-19112-1	1.625	1.527	0.625	0.569	V.H.F.	Steatite	.059 @ 10 MHz. .200 A 100 MHz. 280 @200 MHz.	16 KW @ 50 MHz. 15 KW @ 100 MHz. 7 KW @ 200 MHz.	11 KV	125	Below 250 MHz.
1 5/8"	50	RG-153/U	MI-31051-1	1.625	1.527	0.664	0.588	U.H.F.	Teflon	.180 @ 100 MHz. .58 @ 1.0 GHz. 1.00 @ 3.0 GHz.	15 KW @ 100 MHz. 4.5 KW @ 1000 MHz. 2.4 KW @ 3000 MHz.	11 KV	119	Below 3200 MHz.
1 5/8"	72		MI-19310-1	1.625	1.527	0.437	0.375	V.H.F.	Steatite	.058 @ 10 MHz. .18 @ 100 MHz. .28 @ 200 MHz.	40 KW @ 10 MHz. 14 KW @ 100 MHz. 10 KW @ 200 MHz.	11 KV	120	Below 250 MHz.
7/8 "	51.5		MI-193609-1	0.875	0.785	0.312	0.250	V.H.F. Hard Drawn	Steatite	.04 @ 1 MHz. .12 @ 10 MHz. 1.10 @ 500 MHz.	40 KW @ 1 MHz. 12 KW @ 10 MHz. 4 KW @ 100 MHz.	6 KV	60	Below 500 MHz.
7/8"	51.5		MI-19305-1	0.875	0.785	0.312	0.250	Soft Drawn	Steatite	.04 @ 1 MHz. .12 @ 10 MHz. .41 @ 100 MHz.	40 KW @ 1 MHz. 12 KW @ 10 MHz. 4 KW @ 100 MHz.	6 KV	60	Below 100 MHz.
7/8"	50	RG-155/U	MI-31038-1	0.875	0.785	0.341	0.290	Hard Drawn	Teflon	.12 @ 10 MHz. 1.20 @ 1000 MHz. 2.3 @ 3000 MHz.	12 KW @ 10 MHz. 4 KW @ 100 MHz. 1 KW @ 1000 MHz.	6 KV	58	Below 3500 MHz.
7/8"	72		MI-19308-1	0.875	0.785	0.250	0.187	V.H.F. Hard Drawn	Steatite	.033 @ 1 MHz. .10 @ 10 MHz. .38 @ 100 MHz.	40 KW @ 1 MHz. 12 KW @ 10 MHz. 4 KW @ 100 MHz.	6 KV	60	Below 100 MHz.
7/8"	72		MI-19307-1	0.875	0.785	0.250	0.187	Soft Drawn	Steatite	.026 @ .5 MHz. 0.37 @ 1 MHz. 0.55 @ 3 MHz.	40 KW @ 1 MHz. 12 KW @ 10 MHz. 4 KW @ 100 MHz.	6 KV	60	Below 60 MHz.
3/8"	72		MI-19306	0.375	0.312	0.081	SOLID	Soft Drawn	Steatite	.31 @ 10 MHz. 1.10 @ 100 MHz. 4.00 @ 1000 MHz.	2700 WTS. @ 10 MHz. 850 WTS. @ 100 MHz. 230 WTS. @ 1000 MHz.	1 KV	16	Below 1000 MHz.