

PVDF

Freq. [Hz]	ϵ'	ϵ''	Tan(Delta)
1.00E+07	4.60E+00	1.02E+00	2.22E-01
7.14E+06	4.84E+00	1.12E+00	2.32E-01
5.10E+06	5.11E+00	1.23E+00	2.41E-01
3.64E+06	5.42E+00	1.30E+00	2.41E-01
2.60E+06	5.73E+00	1.37E+00	2.40E-01
1.86E+06	6.07E+00	1.42E+00	2.34E-01
1.33E+06	6.42E+00	1.44E+00	2.25E-01
9.49E+05	6.77E+00	1.42E+00	2.09E-01
6.78E+05	7.11E+00	1.35E+00	1.90E-01
4.84E+05	7.43E+00	1.25E+00	1.69E-01
3.46E+05	7.72E+00	1.13E+00	1.47E-01
2.47E+05	7.96E+00	1.00E+00	1.26E-01
1.76E+05	8.16E+00	8.65E-01	1.06E-01
1.26E+05	8.32E+00	7.33E-01	8.81E-02
9.00E+04	8.45E+00	6.13E-01	7.25E-02
6.43E+04	8.55E+00	5.08E-01	5.94E-02
4.59E+04	8.63E+00	4.19E-01	4.85E-02
3.28E+04	8.69E+00	3.45E-01	3.98E-02
2.34E+04	8.73E+00	2.87E-01	3.28E-02
1.67E+04	8.77E+00	2.41E-01	2.74E-02
1.20E+04	8.80E+00	2.05E-01	2.33E-02
8.54E+03	8.83E+00	1.79E-01	2.02E-02
6.10E+03	8.86E+00	1.60E-01	1.80E-02
4.36E+03	8.89E+00	1.46E-01	1.64E-02
3.11E+03	8.91E+00	1.38E-01	1.54E-02
2.22E+03	8.93E+00	1.33E-01	1.49E-02
1.59E+03	8.95E+00	1.32E-01	1.48E-02
1.13E+03	8.98E+00	1.35E-01	1.50E-02
8.10E+02	9.00E+00	1.41E-01	1.56E-02
5.78E+02	9.03E+00	1.50E-01	1.66E-02
4.13E+02	9.05E+00	1.63E-01	1.79E-02
2.95E+02	9.08E+00	1.79E-01	1.97E-02
2.11E+02	9.12E+00	2.00E-01	2.20E-02
1.51E+02	9.15E+00	2.27E-01	2.48E-02
1.08E+02	9.20E+00	2.59E-01	2.82E-02
7.68E+01	9.24E+00	2.97E-01	3.22E-02
5.49E+01	9.30E+00	3.44E-01	3.70E-02
3.92E+01	9.37E+00	3.97E-01	4.24E-02
2.80E+01	9.45E+00	4.60E-01	4.87E-02
2.00E+01	9.54E+00	5.30E-01	5.56E-02
1.43E+01	9.65E+00	6.09E-01	6.31E-02
1.02E+01	9.78E+00	6.96E-01	7.12E-02
7.29E+00	9.93E+00	7.88E-01	7.94E-02
5.21E+00	1.01E+01	8.84E-01	8.74E-02
3.72E+00	1.03E+01	9.80E-01	9.50E-02
2.66E+00	1.06E+01	1.07E+00	1.02E-01
1.90E+00	1.08E+01	1.16E+00	1.07E-01
1.36E+00	1.11E+01	1.22E+00	1.11E-01
1.00E+00	1.13E+01	1.28E+00	1.13E-01

BT10PVDF

Freq. [Hz]	ϵ'	ϵ''	Tan(Delta)
1.00E+07	7.85E+00	1.48E+00	1.89E-01
7.14E+06	8.21E+00	1.62E+00	1.97E-01
5.10E+06	8.60E+00	1.76E+00	2.04E-01
3.64E+06	9.04E+00	1.83E+00	2.02E-01
2.60E+06	9.49E+00	1.91E+00	2.02E-01
1.86E+06	9.96E+00	1.96E+00	1.97E-01
1.33E+06	1.04E+01	1.97E+00	1.89E-01
9.49E+05	1.09E+01	1.92E+00	1.76E-01
6.78E+05	1.14E+01	1.81E+00	1.59E-01
4.84E+05	1.18E+01	1.67E+00	1.41E-01
3.46E+05	1.22E+01	1.50E+00	1.23E-01
2.47E+05	1.25E+01	1.32E+00	1.06E-01
1.76E+05	1.27E+01	1.14E+00	8.92E-02
1.26E+05	1.29E+01	9.65E-01	7.46E-02
9.00E+04	1.31E+01	8.11E-01	6.19E-02
6.43E+04	1.32E+01	6.78E-01	5.12E-02
4.59E+04	1.33E+01	5.67E-01	4.25E-02
3.28E+04	1.34E+01	4.76E-01	3.55E-02
2.34E+04	1.35E+01	4.06E-01	3.01E-02
1.67E+04	1.35E+01	3.52E-01	2.60E-02
1.20E+04	1.36E+01	3.12E-01	2.30E-02
8.54E+03	1.36E+01	2.85E-01	2.09E-02
6.10E+03	1.37E+01	2.67E-01	1.95E-02
4.36E+03	1.37E+01	2.57E-01	1.88E-02
3.11E+03	1.38E+01	2.55E-01	1.85E-02
2.22E+03	1.38E+01	2.58E-01	1.87E-02
1.59E+03	1.39E+01	2.67E-01	1.92E-02
1.13E+03	1.39E+01	2.80E-01	2.01E-02
8.10E+02	1.40E+01	2.98E-01	2.14E-02
5.78E+02	1.40E+01	3.21E-01	2.29E-02
4.13E+02	1.41E+01	3.48E-01	2.47E-02
2.95E+02	1.41E+01	3.82E-01	2.70E-02
2.11E+02	1.42E+01	4.21E-01	2.96E-02
1.51E+02	1.43E+01	4.68E-01	3.27E-02
1.08E+02	1.44E+01	5.25E-01	3.65E-02
7.68E+01	1.45E+01	5.93E-01	4.09E-02
5.49E+01	1.46E+01	6.71E-01	4.59E-02
3.92E+01	1.47E+01	7.64E-01	5.18E-02
2.80E+01	1.49E+01	8.69E-01	5.83E-02
2.00E+01	1.51E+01	9.89E-01	6.56E-02
1.43E+01	1.53E+01	1.12E+00	7.35E-02
1.02E+01	1.55E+01	1.27E+00	8.19E-02
7.29E+00	1.58E+01	1.43E+00	9.03E-02
5.21E+00	1.61E+01	1.60E+00	9.90E-02
3.72E+00	1.65E+01	1.76E+00	1.07E-01
2.66E+00	1.69E+01	1.93E+00	1.14E-01
1.90E+00	1.73E+01	2.09E+00	1.20E-01
1.36E+00	1.78E+01	2.22E+00	1.24E-01
1.00E+00	1.83E+01	2.34E+00	1.28E-01

BT15PVDF

Freq. [Hz]	ϵ'	ϵ''	Tan(Delta)
1.00E+07	1.03E+01	1.82E+00	1.77E-01
7.14E+06	1.07E+01	1.98E+00	1.85E-01
5.10E+06	1.12E+01	2.15E+00	1.92E-01
3.64E+06	1.17E+01	2.24E+00	1.91E-01
2.60E+06	1.23E+01	2.33E+00	1.90E-01
1.86E+06	1.29E+01	2.39E+00	1.86E-01
1.33E+06	1.34E+01	2.41E+00	1.79E-01
9.49E+05	1.40E+01	2.34E+00	1.67E-01
6.78E+05	1.46E+01	2.21E+00	1.52E-01
4.84E+05	1.51E+01	2.04E+00	1.36E-01
3.46E+05	1.55E+01	1.84E+00	1.19E-01
2.47E+05	1.59E+01	1.63E+00	1.02E-01
1.76E+05	1.62E+01	1.41E+00	8.68E-02
1.26E+05	1.65E+01	1.20E+00	7.28E-02
9.00E+04	1.67E+01	1.01E+00	6.06E-02
6.43E+04	1.69E+01	8.50E-01	5.04E-02
4.59E+04	1.70E+01	7.13E-01	4.19E-02
3.28E+04	1.71E+01	6.01E-01	3.51E-02
2.34E+04	1.72E+01	5.14E-01	2.99E-02
1.67E+04	1.73E+01	4.47E-01	2.59E-02
1.20E+04	1.73E+01	3.97E-01	2.29E-02
8.54E+03	1.74E+01	3.63E-01	2.09E-02
6.10E+03	1.75E+01	3.41E-01	1.95E-02
4.36E+03	1.75E+01	3.29E-01	1.88E-02
3.11E+03	1.76E+01	3.27E-01	1.86E-02
2.22E+03	1.76E+01	3.32E-01	1.89E-02
1.59E+03	1.77E+01	3.44E-01	1.95E-02
1.13E+03	1.78E+01	3.62E-01	2.04E-02
8.10E+02	1.78E+01	3.86E-01	2.16E-02
5.78E+02	1.79E+01	4.15E-01	2.32E-02
4.13E+02	1.80E+01	4.49E-01	2.50E-02
2.95E+02	1.81E+01	4.91E-01	2.71E-02
2.11E+02	1.82E+01	5.40E-01	2.97E-02
1.51E+02	1.83E+01	5.98E-01	3.27E-02
1.08E+02	1.84E+01	6.69E-01	3.64E-02
7.68E+01	1.85E+01	7.52E-01	4.06E-02
5.49E+01	1.87E+01	8.50E-01	4.55E-02
3.92E+01	1.88E+01	9.66E-01	5.13E-02
2.80E+01	1.90E+01	1.10E+00	5.77E-02
2.00E+01	1.93E+01	1.25E+00	6.48E-02
1.43E+01	1.95E+01	1.42E+00	7.25E-02
1.02E+01	1.98E+01	1.60E+00	8.06E-02
7.29E+00	2.02E+01	1.79E+00	8.88E-02
5.21E+00	2.06E+01	2.00E+00	9.70E-02
3.72E+00	2.10E+01	2.20E+00	1.05E-01
2.66E+00	2.15E+01	2.42E+00	1.13E-01

1.90E+00 2.21E+01 2.60E+00 1.18E-01
1.36E+00 2.26E+01 2.78E+00 1.23E-01
1.00E+00 2.33E+01 2.90E+00 1.25E-01

BT20/PVDF

Freq. [Hz]	ϵ'	ϵ''	Tan(Delta)
1.00E+07	1.11E+01	2.03E+00	1.82E-01
7.14E+06	1.16E+01	2.20E+00	1.89E-01
5.10E+06	1.22E+01	2.38E+00	1.96E-01
3.64E+06	1.28E+01	2.48E+00	1.94E-01
2.60E+06	1.34E+01	2.58E+00	1.93E-01
1.86E+06	1.40E+01	2.63E+00	1.88E-01
1.33E+06	1.46E+01	2.60E+00	1.78E-01
9.49E+05	1.52E+01	2.55E+00	1.67E-01
6.78E+05	1.59E+01	2.42E+00	1.52E-01
4.84E+05	1.64E+01	2.23E+00	1.36E-01
3.46E+05	1.69E+01	2.01E+00	1.19E-01
2.47E+05	1.73E+01	1.78E+00	1.02E-01
1.76E+05	1.77E+01	1.54E+00	8.70E-02
1.26E+05	1.80E+01	1.31E+00	7.31E-02
9.00E+04	1.82E+01	1.11E+00	6.10E-02
6.43E+04	1.84E+01	9.35E-01	5.09E-02
4.59E+04	1.85E+01	7.89E-01	4.26E-02
3.28E+04	1.86E+01	6.69E-01	3.59E-02
2.34E+04	1.87E+01	5.75E-01	3.07E-02
1.67E+04	1.88E+01	5.03E-01	2.67E-02
1.20E+04	1.89E+01	4.51E-01	2.38E-02
8.54E+03	1.90E+01	4.14E-01	2.18E-02
6.10E+03	1.90E+01	3.92E-01	2.06E-02
4.36E+03	1.91E+01	3.80E-01	1.99E-02
3.11E+03	1.92E+01	3.79E-01	1.98E-02
2.22E+03	1.92E+01	3.85E-01	2.00E-02
1.59E+03	1.93E+01	3.99E-01	2.07E-02
1.13E+03	1.94E+01	4.19E-01	2.16E-02
8.10E+02	1.95E+01	4.45E-01	2.29E-02
5.78E+02	1.95E+01	4.76E-01	2.44E-02
4.13E+02	1.96E+01	5.14E-01	2.62E-02
2.95E+02	1.97E+01	5.58E-01	2.83E-02
2.11E+02	1.99E+01	6.11E-01	3.08E-02
1.51E+02	2.00E+01	6.70E-01	3.36E-02
1.08E+02	2.01E+01	7.47E-01	3.72E-02
7.68E+01	2.03E+01	8.35E-01	4.13E-02
5.49E+01	2.04E+01	9.39E-01	4.60E-02
3.92E+01	2.06E+01	1.06E+00	5.14E-02
2.80E+01	2.08E+01	1.19E+00	5.74E-02
2.00E+01	2.11E+01	1.35E+00	6.39E-02
1.43E+01	2.14E+01	1.52E+00	7.11E-02
1.02E+01	2.17E+01	1.70E+00	7.84E-02
7.29E+00	2.21E+01	1.89E+00	8.59E-02
5.21E+00	2.25E+01	2.09E+00	9.29E-02
3.72E+00	2.30E+01	2.29E+00	9.98E-02
2.66E+00	2.35E+01	2.51E+00	1.07E-01

1.90E+00 2.41E+01 2.66E+00 1.11E-01
1.36E+00 2.47E+01 2.82E+00 1.14E-01
1.00E+00 2.53E+01 2.95E+00 1.17E-01