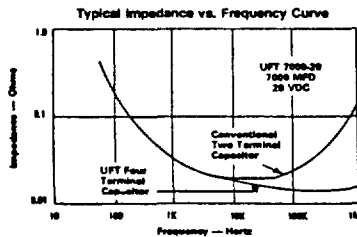
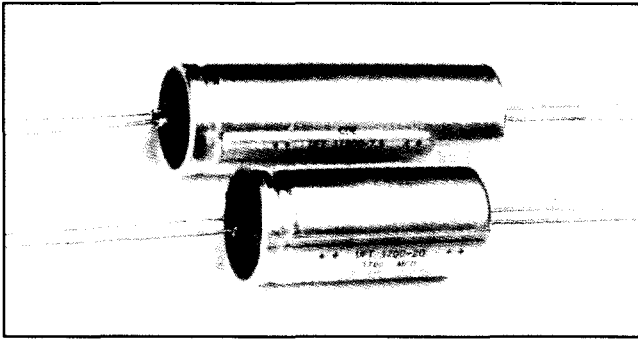


Rugged 4 Terminal, Ultra-Low Impedance, 105°C

Type UFT - 18 AWG Leads, 20 Amps/Type UFTA-16 AWG Leads, 45 Amps



These capacitors are designed for rugged switching power supplies and military or other applications requiring ultra low impedance above 10kHz through a wide temperature range. They are constructed with solid aluminum feed-through cores and with unique 4-terminal connection which reduces the inductance to approximately one nanohenry and provides an effective isolation of the load from the power supply. They can withstand high vibration (10g 500Hz) and shock; a modified version is available with higher vibration (20g 2000Hz). They are the commercial equivalent to military 39018/7(CUR19) except with higher vibration capability.

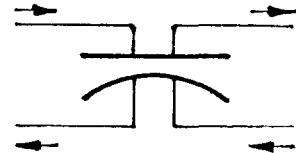
Performance Highlights:

- Capacitance 50 uF to 16000 uF, -10% + 75%
- Voltage 5 Vdc to 200 Vdc
- Operating temperature -55°C to +105°C

- 10,000 hours load life test at +85°C
- 5 years shelf life test at +40°C
- Leakage current ≤ 0.003 CV uA at 25°C
- Through current

UFT: 20 A max

UFTA: 45 A max



Ratings:

| Capacitance uF | Impedance 10kHz-1MHz, | ripple, amps 10kHz-1MHz, 85°C | Nominal Size D x L (inches) | Catalog Number |
|-------------------------------|--------------------------|----------------------------------|--------------------------------|-------------------|
| 5 Vdc — 7 Vdc Surge | | | | |
| 2400 | 0.110 | 1.5 | 3/4 x 1 1/2 | UFT2400-5GJ |
| 3300 | 0.080 | 1.8 | 3/4 x 2 1/2 | UFT3300-5GL |
| 3700 | 0.071 | 1.9 | 7/8 x 1 1/2 | UFT3700-5HJ |
| 4400 | 0.060 | 2.5 | 3/4 x 2 1/2 | UFT4400-5GP |
| 5000 | 0.053 | 2.5 | 7/8 x 2 1/2 | UFT5000-5HL |
| 5700 | 0.047 | 3.1 | 3/4 x 3 1/2 | UFT5700-5GS |
| 6700 | 0.039 | 3.2 | 7/8 x 2 1/2 | UFT6700-5HP |
| 7200 | 0.037 | 3.5 | 1 x 2 1/2 | UFT7200-5JL |
| 8800 | 0.030 | 4.0 | 7/8 x 3 1/2 | UFT8800-5HS |
| 10000 | 0.026 | 4.6 | 1 x 2 1/2 | UFT10000-5JP |
| 13000 | 0.020 | 5.6 | 1 x 3 1/2 | UFT13000-5JS |
| 16000 | 0.017 | 7.0 | 1 x 3 1/2 | UFT16000-5JT |
| 7.5 Vdc — 10 Vdc Surge | | | | |
| 2000 | 0.130 | 1.4 | 3/4 x 1 1/2 | UFT2000-7R5GJ |
| 3000 | 0.087 | 1.8 | 7/8 x 1 1/2 | UFT3000-7R5HJ |
| 3800 | 0.070 | 2.4 | 3/4 x 2 1/2 | UFT3800-7R5GP |
| 4400 | 0.059 | 2.4 | 7/8 x 2 1/2 | UFT4400-7R5HL |
| 4800 | 0.055 | 2.4 | 1 x 1 1/2 | UFT4800-7R5JJ |
| 5000 | 0.053 | 3.0 | 3/4 x 3 1/2 | UFT5000-7R5GS |
| 5800 | 0.046 | 3.1 | 7/8 x 2 1/2 | UFT5800-7R5HP |
| 6200 | 0.043 | 3.3 | 1 x 2 1/2 | UFT6200-7R5JL |
| 7500 | 0.035 | 3.8 | 7/8 x 3 1/2 | UFT7500-7R5HS |
| 9000 | 0.029 | 4.4 | 1 x 2 1/2 | UFT9000-7R5JP |
| 11000 | 0.024 | 5.3 | 1 x 3 1/2 | UFT11000-7R5JS |
| 14000 | 0.019 | 6.6 | 1 x 3 1/2 | UFT14000-7R5JT |

| Capacitance uF | Impedance 10kHz-1MHz, | ripple, amps 10kHz-1MHz, 85°C | Nominal Size D x L (inches) | Catalog Number |
|------------------------------|--------------------------|----------------------------------|--------------------------------|-------------------|
| 10 Vdc — 15 Vdc Surge | | | | |
| 1700 | 0.144 | 1.3 | 3/4 x 1 1/2 | UFT1700-10GJ |
| 2300 | 0.107 | 1.7 | 3/4 x 2 1/2 | UFT2300-10GL |
| 2600 | 0.094 | 1.7 | 7/8 x 1 1/2 | UFT2600-10HJ |
| 3000 | 0.082 | 2.2 | 3/4 x 2 1/2 | UFT3000-10GP |
| 3600 | 0.068 | 2.2 | 7/8 x 2 1/2 | UFT3600-10HL |
| 4100 | 0.060 | 2.8 | 3/4 x 3 1/2 | UFT4100-10GS |
| 4800 | 0.051 | 2.9 | 7/8 x 2 1/2 | UFT4800-10HP |
| 5100 | 0.048 | 3.2 | 1 x 2 1/2 | UFT5100-10JL |
| 6300 | 0.039 | 3.6 | 7/8 x 3 1/2 | UFT6300-10HS |
| 7500 | 0.033 | 4.1 | 1 x 2 1/2 | UFT7500-10JP |
| 9700 | 0.025 | 5.0 | 1 x 3 1/2 | UFT9700-10JS |
| 12000 | 0.021 | 6.2 | 1 x 3 1/2 | UFT12000-10JT |
| 16 Vdc — 20 Vdc Surge | | | | |
| 1400 | 0.149 | 1.2 | 3/4 x 1 1/2 | UFT1400-16GJ |
| 1900 | 0.110 | 1.6 | 3/4 x 2 1/2 | UFT1900-16GL |
| 2100 | 0.100 | 1.6 | 7/8 x 1 1/2 | UFT2100-16HJ |
| 2700 | 0.077 | 2.0 | 7/8 x 2 1/2 | UFT2700-16HL |
| 3400 | 0.061 | 2.6 | 3/4 x 3 1/2 | UFT3400-16GS |
| 4200 | 0.050 | 2.9 | 1 x 2 1/2 | UFT4200-16JL |
| 5200 | 0.041 | 3.3 | 7/8 x 3 1/2 | UFT5200-16HS |
| 6100 | 0.035 | 3.9 | 1 x 2 1/2 | UFT6100-16JP |
| 6400 | 0.033 | 4.1 | 7/8 x 3 1/2 | UFT6400-16HT |
| 8000 | 0.026 | 4.7 | 1 x 3 1/2 | UFT8000-16JS |
| 10000 | 0.021 | 5.9 | 1 x 3 1/2 | UFT10000-16JT |

For 16 AWG leads change catalog number from UFT to UFTA

For body groove and 20g vibration capability change catalog number from UFTA to UFTG

AXIAL LEADED CAPACITORS

| Capacitance uF | Impedance 10kHz-1MHz | ripple, amps 10kHz-1MHz, 85°C | Nominal Size D x L (inches) | Catalog Number |
|-------------------------------|-------------------------|----------------------------------|--------------------------------|-------------------|
| 20 Vdc — 25 Vdc Surge | | | | |
| 1200 | 0.170 | 1.2 | 3/4 x 1 1/2 | UFT1200-20GJ |
| 1800 | 0.011 | 1.5 | 7/8 x 1 1/2 | UFT1800-20HJ |
| 2200 | 0.092 | 2.0 | 3/4 x 2 1/2 | UFT2200-20GP |
| 2400 | 0.084 | 1.9 | 7/8 x 2 1/2 | UFT2400-20HL |
| 2900 | 0.070 | 2.5 | 3/4 x 3 1/2 | UFT2900-20GS |
| 3400 | 0.060 | 2.6 | 7/8 x 2 1/2 | UFT3400-20HP |
| 3700 | 0.055 | 2.7 | 1 x 2 1/2 | UFT3700-20JL |
| 4500 | 0.045 | 3.3 | 7/8 x 3 1/2 | UFT4500-20HS |
| 5300 | 0.039 | 3.5 | 1 x 2 1/2 | UFT5300-20JP |
| 7000 | 0.030 | 4.5 | 1 x 3 1/2 | UFT7000-20JS |
| 8600 | 0.024 | 5.5 | 1 x 3 1/2 | UFT8600-20JT |
| 25 Vdc — 30 Vdc Surge | | | | |
| 900 | 0.224 | 1.05 | 3/4 x 1 1/2 | UFT900-25GJ |
| 1200 | 0.168 | 1.4 | 3/4 x 2 1/2 | UFT1200-25GL |
| 1600 | 0.126 | 1.75 | 3/4 x 2 1/2 | UFT1600-25GP |
| 2000 | 0.102 | 1.9 | 7/8 x 2 1/2 | UFT2000-25HL |
| 2500 | 0.081 | 2.4 | 1 x 2 1/2 | UFT2500-25JL |
| 2800 | 0.072 | 3.0 | 7/8 x 2 1/2 | UFT2800-25HP |
| 3600 | 0.056 | 3.25 | 1 x 2 1/2 | UFT3600-25JP |
| 4700 | 0.043 | 4.0 | 1 x 3 1/2 | UFT4700-25JS |
| 5700 | 0.036 | 4.65 | 1 x 3 1/2 | UFT5700-25JT |
| 30 Vdc — 40 Vdc Surge | | | | |
| 700 | 0.262 | 1.0 | 3/4 x 1 1/2 | UFT700-30GJ |
| 900 | 0.204 | 1.25 | 3/4 x 2 1/2 | UFT900-30GL |
| 1300 | 0.141 | 1.7 | 3/4 x 2 1/2 | UFT1300-30GP |
| 1600 | 0.114 | 1.75 | 7/8 x 2 1/2 | UFT1600-30HL |
| 2000 | 0.092 | 2.25 | 1 x 2 1/2 | UFT2000-30JL |
| 2200 | 0.083 | 2.35 | 7/8 x 2 1/2 | UFT2200-30HP |
| 2800 | 0.066 | 3.0 | 1 x 2 1/2 | UFT2800-30JP |
| 3000 | 0.061 | 2.9 | 7/8 x 3 1/2 | UFT3000-30HS |
| 3600 | 0.051 | 3.6 | 1 x 3 1/2 | UFT3600-30JS |
| 4500 | 0.041 | 4.4 | 1 x 3 1/2 | UFT4500-30JT |
| 40 Vdc — 50 Vdc Surge | | | | |
| 550 | 0.322 | 0.9 | 3/4 x 1 1/2 | UFT550-40GJ |
| 700 | 0.255 | 1.15 | 3/4 x 2 1/2 | UFT700-40GL |
| 900 | 0.197 | 1.2 | 7/8 x 1 1/2 | UFT900-40HJ |
| 1200 | 0.147 | 1.55 | 7/8 x 2 1/2 | UFT1200-40HL |
| 1500 | 0.117 | 2.05 | 1 x 2 1/2 | UFT1500-40JL |
| 1700 | 0.104 | 2.15 | 7/8 x 2 1/2 | UFT1700-40HP |
| 2300 | 0.077 | 2.6 | 7/8 x 3 1/2 | UFT2300-40HS |
| 2900 | 0.061 | 3.4 | 1 x 3 1/2 | UFT2900-40JS |
| 3600 | 0.050 | 4.1 | 1 x 3 1/2 | UFT3600-40JT |
| 50 Vdc — 75 Vdc Surge | | | | |
| 300 | 0.280 | 0.93 | 3/4 x 1 1/2 | UFT300-50GJ |
| 400 | 0.212 | 1.15 | 3/4 x 2 1/2 | UFT400-50GL |
| 530 | 0.160 | 1.25 | 7/8 x 1 1/2 | UFT530-50HJ |
| 700 | 0.120 | 1.6 | 7/8 x 2 1/2 | UFT700-50HL |
| 870 | 0.098 | 2.1 | 1 x 2 1/2 | UFT870-50JL |
| 1000 | 0.085 | 2.15 | 7/8 x 2 1/2 | UFT1000-50HP |
| 1200 | 0.070 | 2.8 | 1 x 2 1/2 | UFT1200-50JP |
| 1600 | 0.053 | 3.4 | 1 x 3 1/2 | UFT1600-50JS |
| 2000 | 0.042 | 4.25 | 1 x 3 1/2 | UFT2000-50JT |
| 75 Vdc — 100 Vdc Surge | | | | |
| 200 | 0.384 | 0.78 | 3/4 x 1 1/2 | UFT200-75GJ |
| 260 | 0.295 | 1.0 | 3/4 x 2 1/2 | UFT260-75GL |
| 350 | 0.218 | 1.1 | 7/8 x 1 1/2 | UFT350-75HJ |
| 450 | 0.171 | 1.4 | 7/8 x 2 1/2 | UFT450-75HL |
| 570 | 0.136 | 1.85 | 1 x 2 1/2 | UFT570-75JL |
| 650 | 0.118 | 1.95 | 7/8 x 2 1/2 | UFT650-75HP |
| 850 | 0.090 | 2.25 | 7/8 x 3 1/2 | UFT850-75HS |
| 1000 | 0.077 | 2.95 | 1 x 3 1/2 | UFT1000-75JS |
| 1300 | 0.059 | 3.55 | 1 x 3 1/2 | UFT1300-75JT |

| Capacitance uF | Impedance 10kHz-1MHz | ripple, amps 10kHz-1MHz, 85°C | Nominal Size D x L (inches) | Catalog Number |
|--------------------------------|-------------------------|----------------------------------|--------------------------------|-------------------|
| 100 Vdc — 125 Vdc Surge | | | | |
| 130 | 0.530 | 0.70 | 3/4 x 1 1/2 | UFT130-100GJ |
| 170 | 0.405 | 0.90 | 3/4 x 2 1/2 | UFT170-100GL |
| 230 | 0.300 | 0.93 | 7/8 x 1 1/2 | UFT230-100HJ |
| 300 | 0.230 | 1.20 | 7/8 x 2 1/2 | UFT300-100HL |
| 380 | 0.180 | 1.55 | 1 x 2 1/2 | UFT380-100JL |
| 430 | 0.159 | 1.60 | 7/8 x 2 1/2 | UFT430-100HP |
| 550 | 0.125 | 2.10 | 1 x 2 1/2 | UFT550-100JP |
| 700 | 0.098 | 2.65 | 1 x 3 1/2 | UFT700-100JS |
| 850 | 0.080 | 3.15 | 1 x 3 1/2 | UFT850-100JT |
| 150 Vdc — 200 Vdc Surge | | | | |
| 70 | 0.780 | 0.65 | 3/4 x 1 1/2 | UFT70-150GJ |
| 90 | 0.610 | 0.80 | 3/4 x 2 1/2 | UFT90-150GL |
| 120 | 0.455 | 0.83 | 7/8 x 1 1/2 | UFT120-150HJ |
| 150 | 0.362 | 1.10 | 1 x 1 1/2 | UFT150-150JL |
| 200 | 0.273 | 1.40 | 1 x 2 1/2 | UFT200-150JL |
| 300 | 0.181 | 1.80 | 7/8 x 3 1/2 | UFT300-150HS |
| 380 | 0.143 | 2.35 | 1 x 3 1/2 | UFT380-150JS |
| 470 | 0.095 | 2.85 | 1 x 3 1/2 | UFT470-150JT |
| 200 Vdc — 250 Vdc Surge | | | | |
| 50 | 0.780 | 0.6 | 3/4 x 1 1/2 | UFT50-200GJ |
| 85 | 0.460 | 0.75 | 7/8 x 1 1/2 | UFT85-200HJ |
| 100 | 0.390 | 0.95 | 7/8 x 2 1/2 | UFT100-200HL |
| 150 | 0.259 | 1.25 | 7/8 x 2 1/2 | UFT150-200HP |
| 200 | 0.195 | 1.67 | 1 x 2 1/2 | UFT200-200JP |
| 250 | 0.156 | 1.90 | 7/8 x 3 1/2 | UFT250-200HT |
| 320 | 0.122 | 2.5 | 1 x 3 1/2 | UFT320-200JT |