**20 AWG POWER CABLE HT**

**PERFORMANCE DATA**

- Flex Cycles: 5,000 cycles
- Current Rating: Single = 8.7 Amps
- Voltage Rating: 300 V
- CC DCR: 10 Ω/1000 ft
- Availability: Single, tape bonded
- Temperature Rating: -10 °C to 200 °C, UL VW-1 Rated
- DWV Working Voltage: 1250 V

* Test Conditions – 2 oz. weight, dia 1/4" mandrel, +/-90 bend X2
** Rating – 30 °C Temperature Rise, 20% de-rated.
*** Test Conditions - UL certification under style #10518, horizontal and VW-1 flame rating
**** Test Conditions – Heat Shock/Cold Bend per UL #1581, wire wrap 1/4" mandrel, visual inspection
† Test Conditions – DWV per EIA-364-20, ASTM D470-13 and D149-09

**CURRENT CARRYING CAPACITY GRAPH**

![Current Carrying Capacity Graph](image)

- 274 Amps at 20 °C
- 219 Amps at 60 °C
- 126 Amps at 100 °C
- 87 Amps at 140 °C
- 60 Amps at 180 °C

- Room Temp= 22.2 °C
- Current Rating per Contact (30 Deg. Rise, 20% Derated) = 8.7 Amps

**Dielectric:** FEP

- Ø .0600 (1.524)

**Center Conductor:**

- 20 AWG 7 Stranded TC
- Ø .0380 (0.965)”

**Part Number:** DWCT-20-01-TC