50 Ω, 23 AWG MICRO COAX CABLE

Jacket: FEP
Ø .1020 (2.591)

Shield: 44 AWG Braid
Ø .0885 (2.248)

Flat Wire: SPC
Ø .0807 (2.050)

Dielectric: FEP Solid
Ø .0727 (1.847)

Signal Conductor: SPC
23 AWG Ø .0226 (0.574)

PERFORMANCE DATA
Capacitance: 29.1 pF/ft (nominal)
Propagation Delay: 1.44 ns/ft
Flex Cycles: 500 cycles, single conductor*
Current Rating: Single conductor = 7.4 Amps**

Shield DCR: 11 Ω/1000 ft
CC DCR: 21.6 Ω/1000 ft
Min. Bend Radius: .350"
Availability: Single
Temperature Rating: -40 °C to 200 °C, UL VW-1 Tested ***
DWV Working Voltage: 406 V†

INSERTION LOSS AND RETURN LOSS GRAPHS‡

Insertion Loss 0.25 m 1 m
-3 dB >20 GHz 16.6 GHz
-7 dB >20 GHz >20 GHz

* Test Conditions – 8 oz. weight, dia 7/8" mandrel, +/-90° bend X2
** Rating – 30 °C Temperature Rise, 20% de-rated.
*** Temperature Rating – Heat Shock/Cold Soak per UL #1581, wire wrap 1/4" mandrel, visual inspection
†Test Conditions – IR/DWV/Thermal Shock/Humidity per EIA-364-20, 21, 31 and 32
‡IL and RL data is typical. Results may vary DUT terminated with SMA Connector and has not been de-embedded.