PERFORMANCE DATA

Capacitance: 29.8 pF/ft (nominal)
Propagation Delay: 1.45 ns/ft
Flex Cycles: 600 cycles, single conductor*
Current Rating: Single conductor = 6.9 Amps**
Shield DCR: 10.8 Ω/1000 ft
CC DCR: 21.6 Ω/1000 ft
Min. Bend Radius: .125"
Availability: Single
Temperature Rating: -65 °C to 125 °C, UL VW-1 Tested ***
DWV Working Voltage: 375 V†

INSERTION LOSS AND RETURN LOSS GRAPHS‡

Insertion Loss  | 0.25 m  | 1 m
--- | --- | ---
-3 dB | >40 GHz | 13 GHz
-7 dB | >40 GHz | >40 GHz

* Test Conditions – 4 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.