V-BAND FLEXIBLE WAVEGUIDE CABLE

PERFORMANCE DATA
Operating Frequency Range: 50 to 75 GHz
Flex Cycles: 200 cycles*
Shield DCR: 8.6 Ω/1000 ft
Min. Bend Radius: 1.5”***
Nominal Weight: 19.6 lb/1000 ft
Temperature Rating: -65 °C to 125 °C **
Power Rating: Contact Samtec for further discussion on power rating for your application

* Test Conditions – 4 oz. weight, dia 2.5” mandrel, +/-90° bend X2 with <1 dB change in Insertion Loss
** Temperature Rating – Heat Shock/Cold Soak per UL #1581, wire wrap 1/4” mandrel, visual inspection
*** Test Conditions - 360° wrap, one time with < 2 dB change in Insertion Loss

INSERTION LOSS AND RETURN LOSS GRAPHS†

†IL and RL data is typical. Results may vary.