



## 0,81mm MHF CABLES MH081\* SERIES

## **SPECIFICATIONS**

For complete specifications see www.samtec.com?MH081

Outer Contact Material:
Au plated Phosphor Bronze
Center Contact Material:
Au plated Phosphor Bronze (MHX)
Au plated Phosphor Bronze (MHX)
Au plated BeCu (SMA)
Insulator Material:
PBT (MHX)
PTFE (SMA)
Operating Temperature:
-40°C to +90°C
Voltage Rating:

170V max
Dielectric Withstanding
Voltage:

200 Vrms Frequency Range: 0~3 GHZ

Contact Resistance: Center Contact:  $6m\Omega$  max Outer Contact:  $2m\Omega$  max Insulator Resistance: 5,000 M $\Omega$  Impedance:  $50\Omega$  RoHS Compliant:

## 0,81mm Cable:

Impedance:
50Ω
Capacitance:
100pF/meter
Max Attenuation
(cable only):
3.1dB @ 1GHz
Conductor Size:
36 AWG, (0,81mm) .032" dia.
Conductor Material:
Silver Plated Copper
Conductor Resistance:

1.40Ω/meter max Insulator Diameter: (0,4mm) .016" Insulator Material:

Shield Material: Silver Plated Copper Jacket Material:

Jacket Diameter: (0,81mm) .032" dia. Jacket Temp Rating: -10°C to +90°C RoHS Compliant:

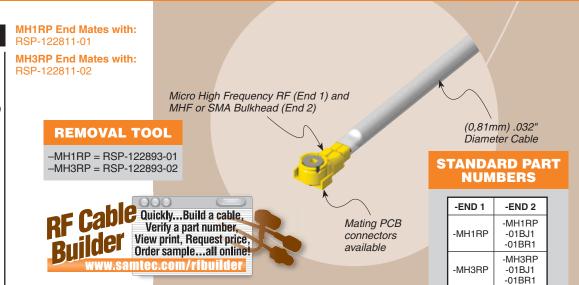
## **ALSO AVAILABLE**

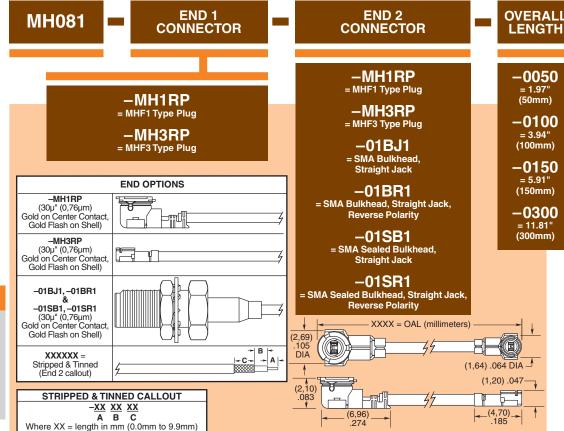
- Micro RF PCB connectors for Micro High Frequency RF
- Additional end connector combinations and overall lengths

Contact:

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\* MH081 Series was previously RF081 Series





-MH1RP SHOWN

-MH3RP SHOWN

Due to technical progress, all designs, specifications and components are subject to change without notice.