

Part No:


# HT174-S1-S1RA-L



## RG174 Flexible Cable Assembly with SMA Male Straight to SMA Male Right Angle Connectors • DC ~ 2 GHz



The HASCO **HT174** flexible cables are terminated with high quality SMA straight or SMA right angle connectors. Standard connectors are SMA Male Straight (S1) and SMA Right Angle (S1RA). Additional configurations available by special order.

The HASCO HT174 Flexible Cable Series is RoHS compliant. 

RG174 Cable is a 50 ohm coaxial cable used in many commercial applications to provide high-speed, high-fidelity data transfer. With a temperature maximum of 85°C, RG174 cable features a small, flexible diameter. Common applications include security systems, computer networks, access control, card access control and transmission of data signals in GPS or LAN/WAN. RG174 cable is also used to connect wireless devices and antennas within wireless networks.

In addition to the standard lengths in stock, HASCO builds custom cable assemblies with SMA, SSMA, 2.92mm, 2.4mm, 1.85mm, Type N, TNC, GPOTM and GPPOTM connectors. (\*GPO and GPPO are registered trademarks of Corning Gilbert.)

L=Available in standard lengths:  
3" through 10", 12", 14", 18", 24", 30", 36" & 48"  
(additional lengths available by special order)

### Electrical

- Impedance 50 Ohms
- Frequency Range DC - 2 GHz
- VSWR 1.20:1 Max
- Insertion Loss  $\leq L \times 0.0254 \times 1.8 + 0.15\text{dB @ 2 GHz}$
- Dielectric Withstanding Voltage 1000 Volts Max at Sea Level
- Insulation Resistance 1000M $\Omega$  Min

### Environmental Data

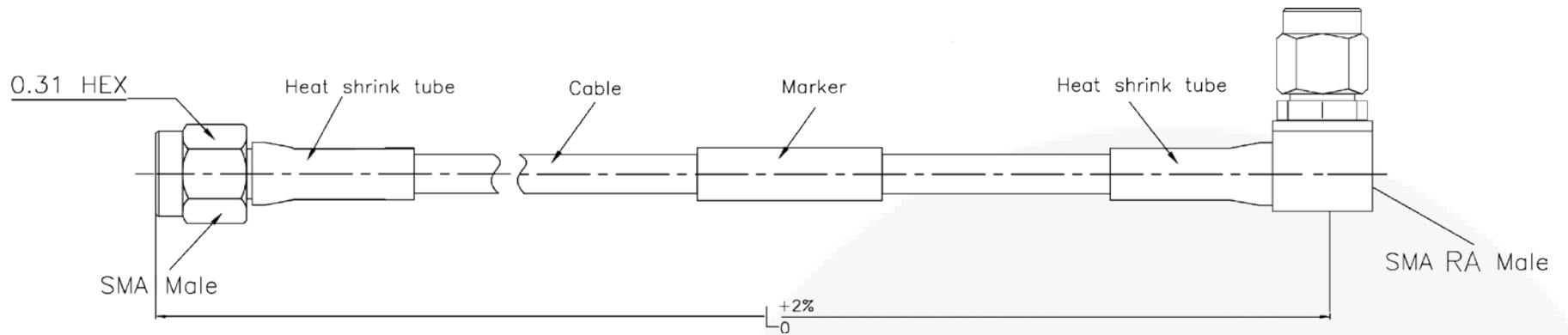
- Temperature Range -55°C - +85°C

### Material


- Connector Body Gold Plated BeCu
- Connector Nut Gold Plated BeCu
- Dielectric PTFE
- Center Contact Gold Plated BeCu
- Cable Jacket Black PVC

To view online, go to: <https://www.hasco-inc.com/categories/cable-assemblies/sma-to-sma-2-26-ghz/flexible/ht174-series-2-ghz.html>

# HT174 Cable Series SMA Male Straight to SMA Male Right Angle Connectors | DC - 2 GHz | Outline Drawing



To view online, go to: <https://www.hasco-inc.com/categories/cable-assemblies/sma-to-sma-2-26-ghz/flexible/ht174-series-2-ghz.html>

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