

SWT-19219-SB

WR-19 to 0.219" Diameter Circular Waveguide Mode Transition

Model SWT-19219-SB is a WR-19 to 0.219" Diameter Circular waveguide mode transition. The mode transition is manufactured by either EDM machining or electro-forming techniques to ensure high accuracy and a quality surface finish. The mode transition only induces a fraction of a dB insertion loss and offers a return loss of 32 dB or better. The nominal operating frequency is 38.5 to 43 GHz.



Mechanical Specifications:

Item	Specification
Waveguide Size	WR-19 Waveguide with UG-383/U-M Anti-Cocking Flange
Waveguide Size	0.219" Diameter Circular Waveguide with UG-383/U-M Anti-Cocking Flange
Material	Brass
Finish	Gold Plated
Weight	0.8 Oz
Insertion Length	1.5"
Outline	WT-UC-219-A

ECCN

EAR99

FEATURES

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

APPLICATIONS

- Test Labs
- Test Instrumentation
- Sub-Assemblies

SUPPLEMENTAL DETAILS



