



Chengdu Sanlianweixun Technology Co., Ltd.

Ku-K-Ka multi band orthogonal mode components (type A~D)

【Product introduction】:

Including splitter, combiner, filter, connecting waveguide.

Features: wide bandwidth, low insertion loss, small size.

Function: Separate or combine Ku/K/Ka satellite communication T/R signal.

Linear polarization T/R mode: Same/different frequency; 1/2 polarization (by adding OMT)

Circular polarization T/R mode: Same/different frequency; LHCP/RHCP polarization (by adding circular polarizer & OMT).

【Technical indicators】:

1. Working frequency: Ku band: 12.25~12.75GHz (RX); 14~14.5GHz (TX)

K/Ka band: 19.6~21.2GHz (RX); 29.4~31.0GHz (TX)

2. VSWR: 1.25:1 MAX

3. Insertion loss: 0.35dB MAX @ Ku/K/Ka

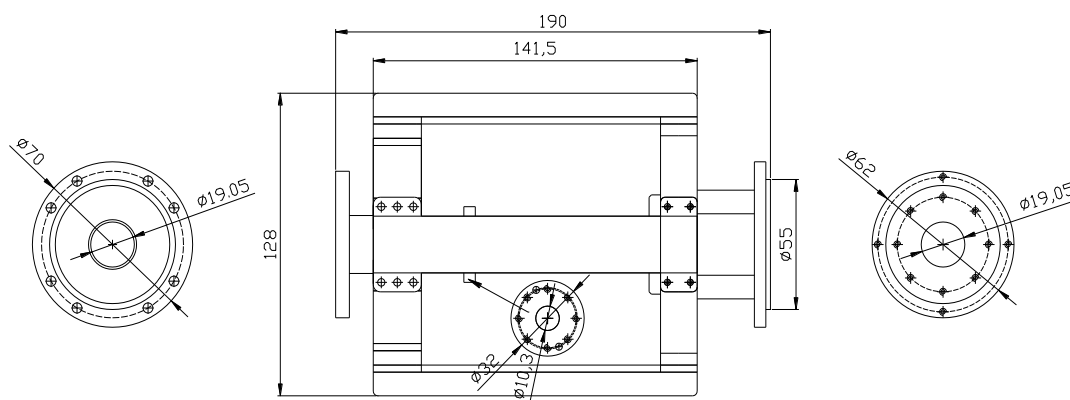
4. Isolation: K/Ku: 60dB MIN

Ka/Ku: 40dB MIN

Ku Orthogonal mode isolation: 40dB MIN

5. Phase difference: Ku: $\pm 4^\circ$ MAX; K/Ka: $\pm 4^\circ$ MAX

6. Structure:



Ku/K/Ka multi band orthogonal mode component (type A)

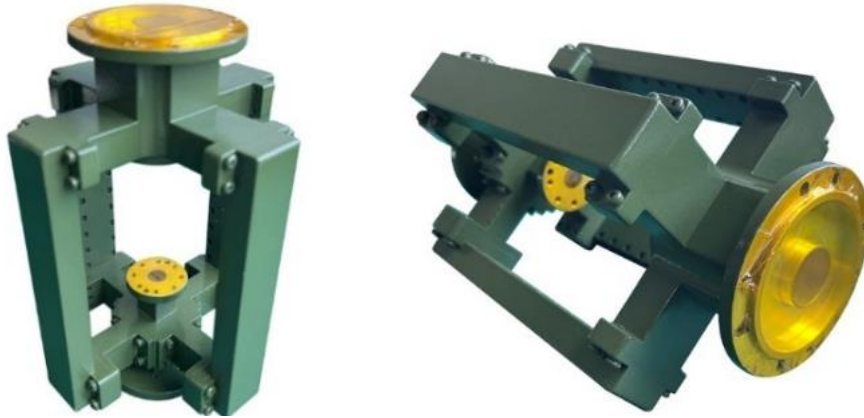
Address: No. 18, Chengzhi Road. Chenghua District. Chengdu City. China. 610053

Tel: +86-021-86780908

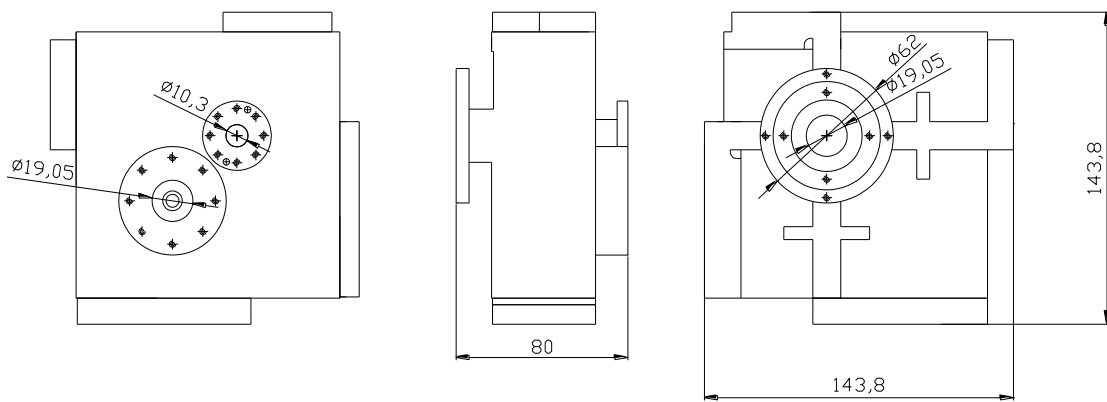
Email: jamesruiwang@163.com



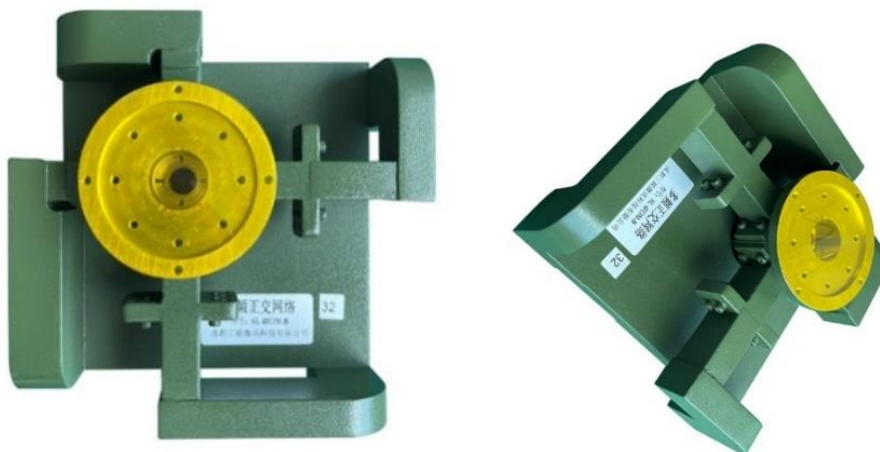
Chengdu Sanlianweixun Technology Co., Ltd.



Ku/K/Ka multi band orthogonal mode component (type A)



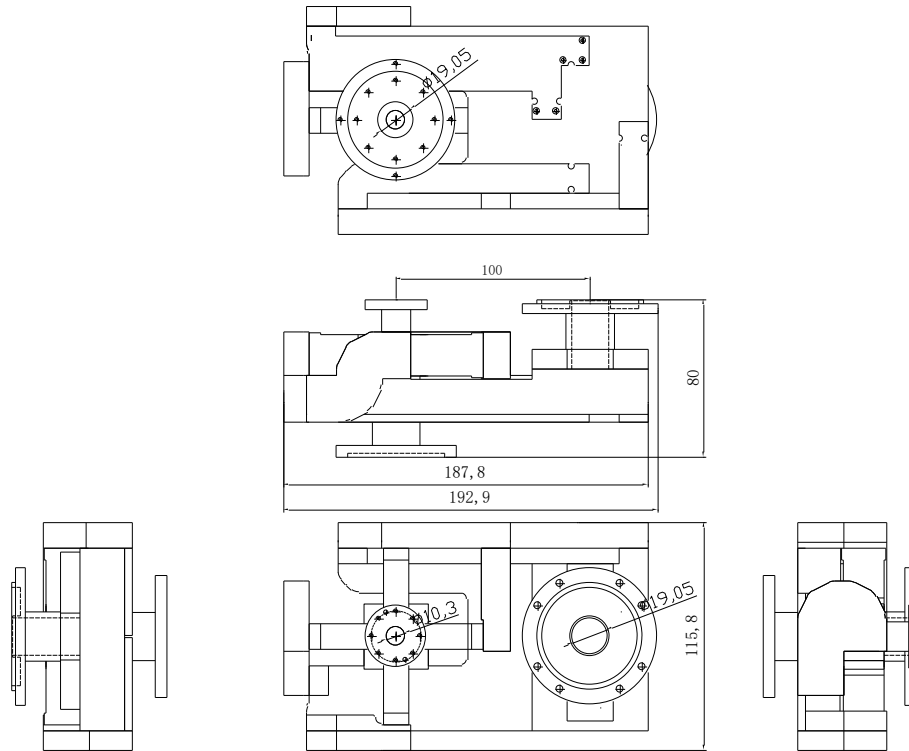
Ku/K/Ka multi band orthogonal mode component (type B)



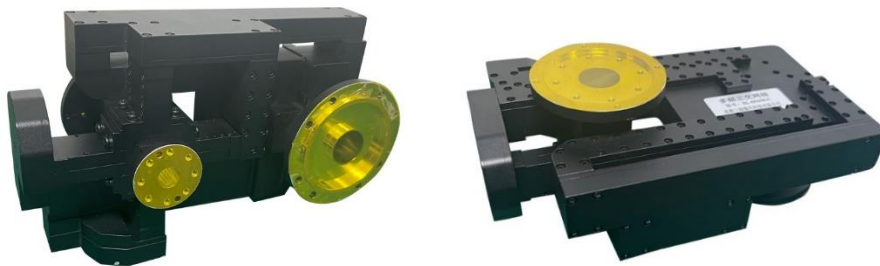
Ku/K/Ka multi band orthogonal mode component (type B)



Chengdu Sanlianweixun Technology Co., Ltd.



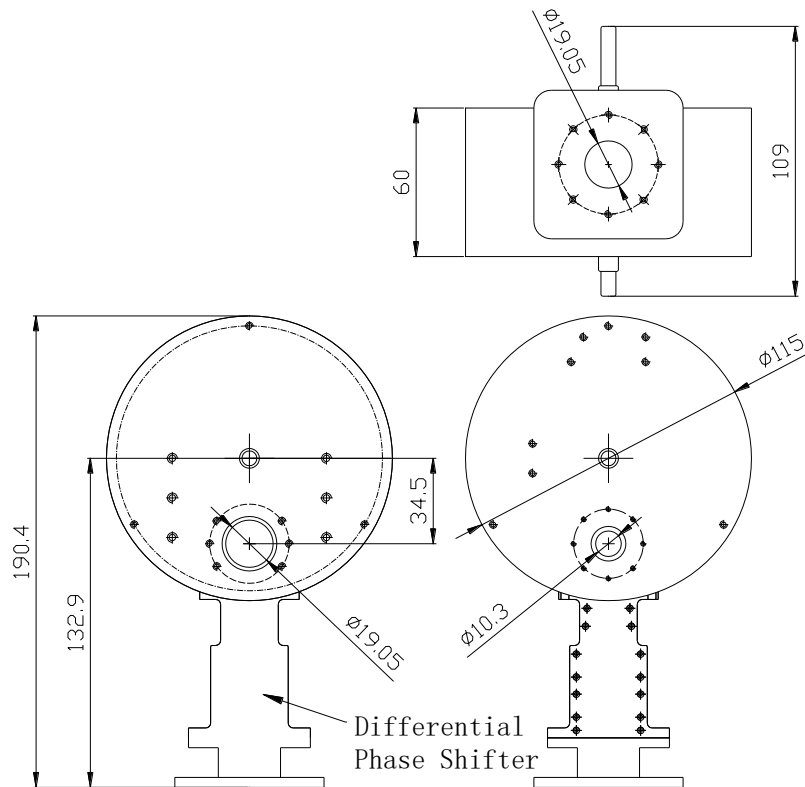
Ku/K/Ka multi band orthogonal mode component (type C)



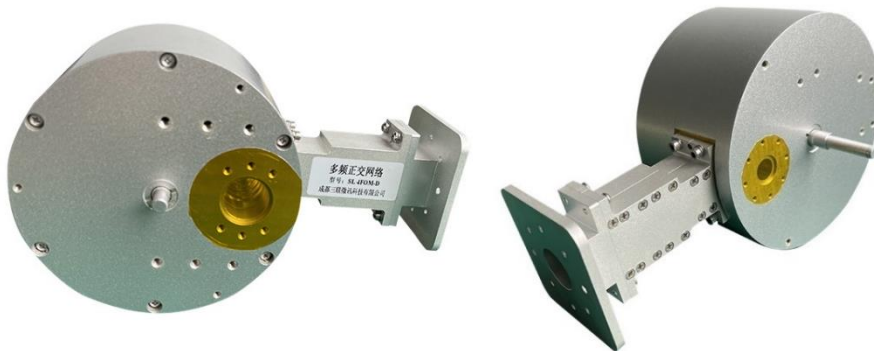
Ku/K/Ka multi band orthogonal mode component (type C)



Chengdu Sanlianweixun Technology Co., Ltd.



Ku/K/Ka multi band orthogonal mode component (type D)



Ku/K/Ka multi band orthogonal mode component (type D)