



Chengdu Sanlianweixun Technology Co., Ltd.

K-Ka Band 4 Port Circular Polarization Duplexer

【Product introduction】 :

Contains OMT, 2 duplexers and 1 circular polarizer.

Features: High power capacity, great rejection.

Function: Circular polarization T/R mode: Same/different frequency; LHCP/RHCP polarization

Linear polarization T/R mode: Same/different frequency; 1/2 polarization (without circular polarizer).

【Technical indicators】 :

1. Working frequency: RX: 17.7~22.2 GHz

TX: 27.5~31.0 GHz

2. VSWR: 1.30:1 MAX

3. Insertion loss: 0.8dB MAX

4. circular polarizability: 0.5~1.2dB

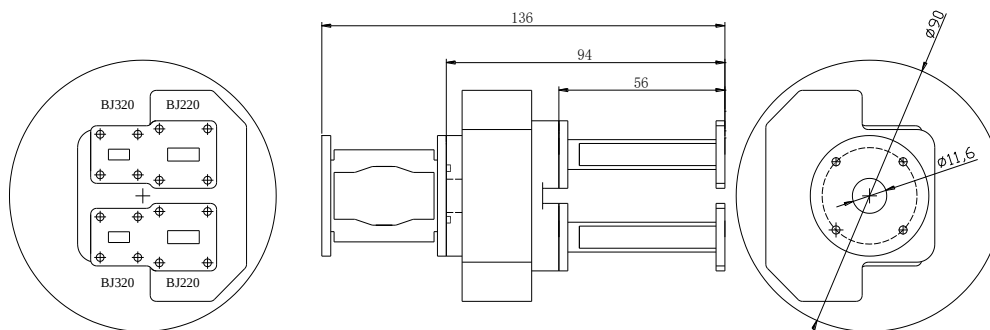
5. Isolation: TX/RX 85dB MIN

RX/TX 85dB MIN

OMT cross isolation: 35dB MIN

6. Interface: common port: $\Phi 11.6$ circular waveguide; RX: WR42; TX: WR28

7. Structure:



K/Ka Band 4 Port Circular Polarization Duplexer

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

Tel: +86-021-86780908

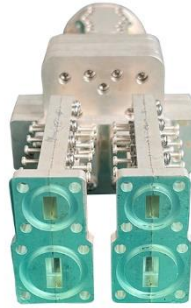
Email: jamesruiwang@163.com



Chengdu Sanlianweixun Technology Co., Ltd.



(a)



(b)



(c)



(d)

K/Ka Band 4 Port Circular Polarization Duplexer