## Directional Coupler

# 0.5 to 6 GHz 30 dB Coupling



*Withwave's Directional Couple*r offer frequency range from 0.5 GHz to 6 GHz and low insertion loss & VSWR. This Coupler (BC0560-30-SF) have 30 dB coupling & 15 dB directivity characteristics.

#### Features

Nominal Coupling: 30 dBDirectivity: 15 dB (Min.)

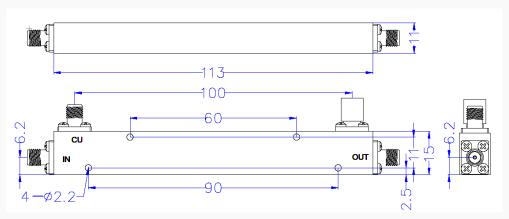
- SMA Connector (Female)



### Specification

| Scope                         | Specification                  | BC0560-30-SF      |
|-------------------------------|--------------------------------|-------------------|
| Electrical                    | Impedance                      | 50 Ohm            |
|                               | Freq. range                    | 0.5 to 6 GHz      |
|                               | Nominal Coupling               | 30 dB             |
|                               | Insertion Loss(Max)            | 0.7 dB            |
|                               | VSWR                           | 1.30: 1           |
|                               | Directivity (Min)              | 15 dB             |
|                               | Coupling Accuracy (Max)        | ± 1.0 dB          |
|                               | Power                          | 30 Watt           |
| Mechanical &<br>Environmental | Connector                      | SMA (Female)      |
|                               | Operating<br>Temperature Range | -45 to +85 degree |

#### Drawing



Unit: mm