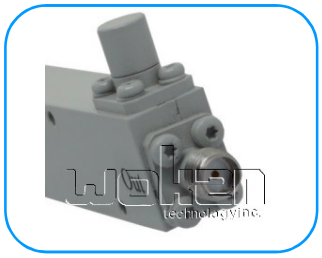
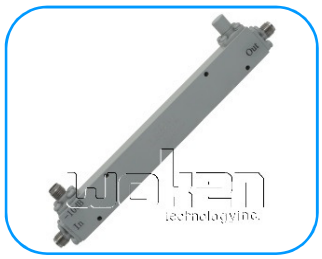
Rev:F

0110A05181O-XX

Directional Coupler

0.5-18GHz SMA 50W Directional Coupler





Features

- Miniature Size
- High Directivity
- Low VSWR
- Stripline Construction

Electrical Specifications

Frequency	0.5-18GHz
Coupling Avaliable:	10,20,30dB
Coupling Accuracy	±1dB
Frequency Sensitivity	±1dB
Insertion Loss (Exclusive Theoretical Loss)	10dB:1.2dB(Max.) 20dB:1.2dB(Max.) 30dB:1.2dB(Max.)
VSWR	1.6:1(Max.)
Directivity	10dB(Min.)
Input Power	Avg.:50W
	Peak:500W(1 μsec Pulse, 10% Duty Cycle)
Impedance	50Ohm
Connection	SMA

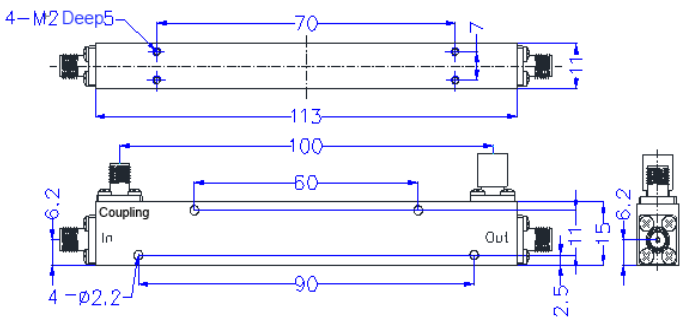
Mechanical

Durability	500 Cycles

Environmental

Operating Temperature	-40℃~80℃

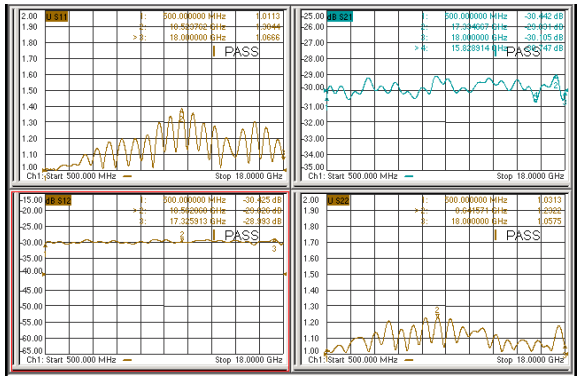
Outling Drawing (Unit:mm) Tolenrances:±0.3



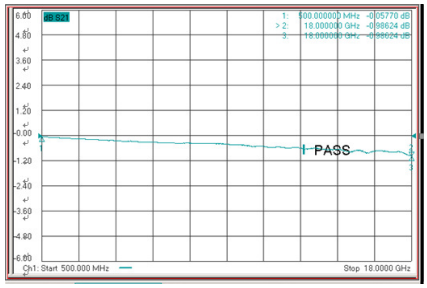
Test Report

30dB:

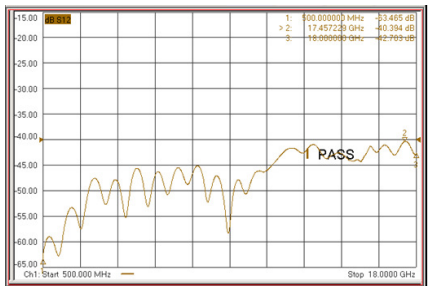
Coupling/VSWR



Insertion Loss



Directivity



All Specification Changed Without Notification.