

# RouterBOARD R5H

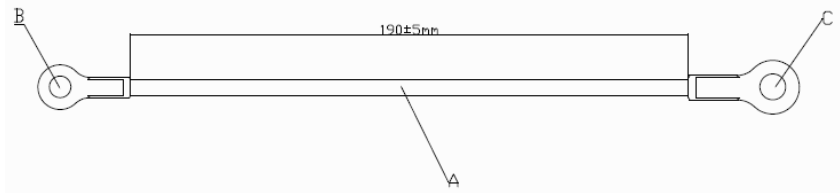


- An optional ESD ground cable could be used to connect R5H ground screw and PC/ RouterBOARD chassis
- This ESD cable could increase ESD/surge immunity of the system

A : UL 1007 18# L:190mm COLOR:Green/Yellow

B : Phi = 3.2mm

C : Phi = 4.3mm



## Average Sensitivity

Condition	MIN	TYP	MAX	Units
6Mbps	-96	-93	-90	DBm
9Mbps	-96	-93	-90	
12Mbps	-94	-91	-88	
18Mbps	-92	-89	-86	
24Mbps	-89	-86	-83	
36Mbps	-85	-82	-79	
48Mbps	-80	-77	-74	
54Mbps	-78	-75	-72	

## Average TX Power

5GHz	MHz					
	5170	5400	5500	5700	5805	5825
6M	23.5	24	24.5	25	25	25
9M	23.5	24	24.5	25	25	25
12M	23.5	24	24.5	25	25	25
18M	23.5	24	24.5	25	25	25
24M	23.5	24	24	25	25	25
36M	22.5	23	24	24	24	24
48M	20	20	21	22	21.5	21.5
54M	19.5	19.5	20	21	20.5	20.5

## ESD Surge Protection

ESD	+/- 1kV	+/- 2kV	+/- 3kV	+/- 4kV	+/- 5kV	+/- 6kV	+/- 7kV	+/- 8kV	+/- 9kV	+/- 10kV	+/- 11kV	+/- 12kV	+/- 13kV
Competitors	PASS	PASS	-PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
R5H	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS