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# Specification

## 1. Item

Product	Cavity Combiner ( GSM1800 / UMTS2100 + LTE2600 )
Part Number	EHB-DUL-FS-B50CMPR

## 2. Revision History

Issued / Revision	R&D Approved	Revision Detail
-	YKT	Released...



# Specification

## Cavity Combiner

Design	R & D	Approval
CYKIM	YKT	

Customer:	Date: 2014-09-03	Part No.: EHB-DUL-FS-B50CMPR
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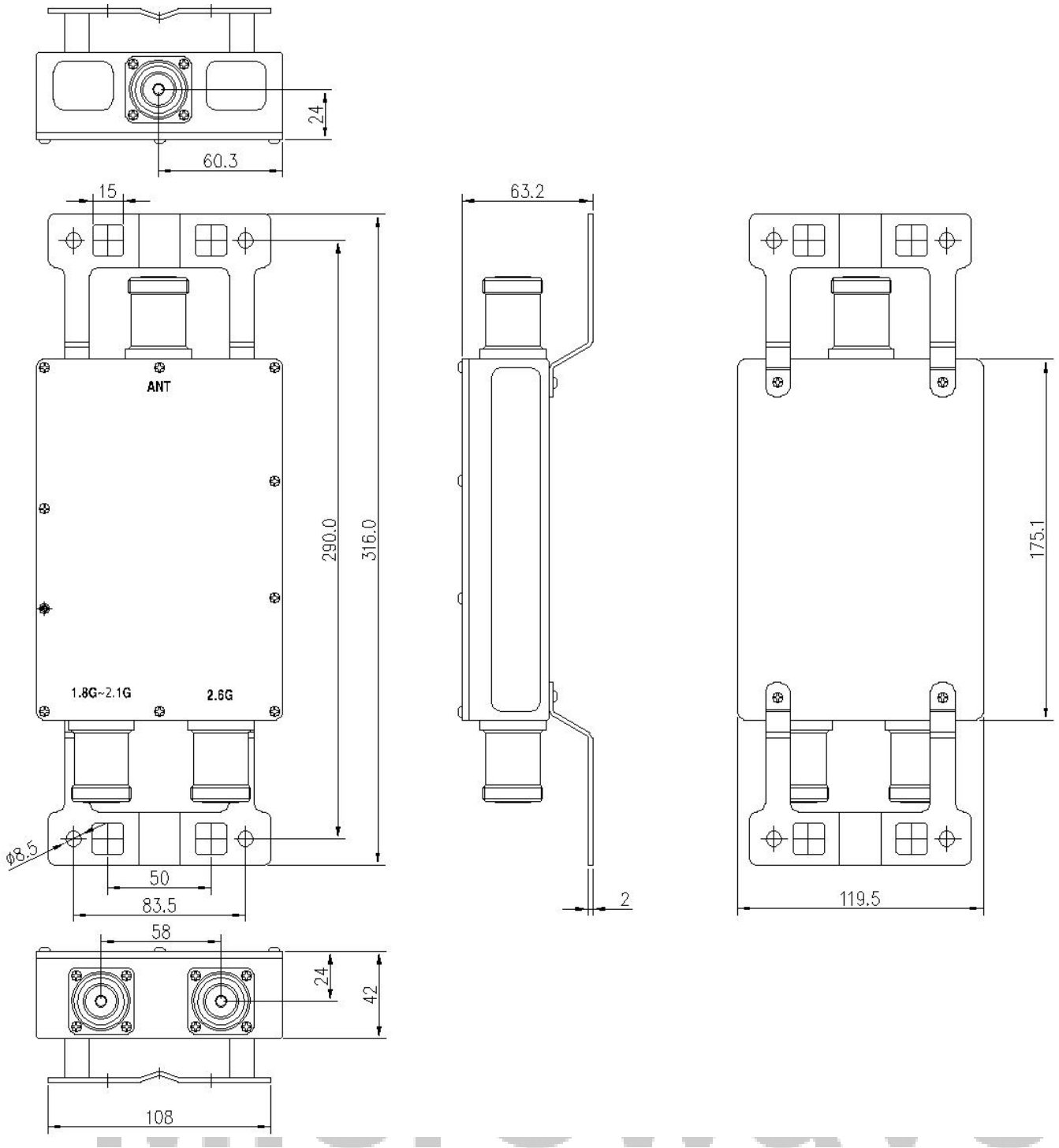
### Electrical Specification

No.	Parameter	Unit	Specification	
			1.7-2.1GHz (P1)	2.6GHz (P2)
1	Frequency Range	MHz	1710~2170	2520~2660
2	Insertion Loss in BW	dB	0.45 max.	0.45 max.
3	VSWR	-	1.2 : 1 max.	1.2 : 1 max.
4	Isolation	dBc	50 min. @ 2520~2660MHz	50 min. @ 1710~2170MHz
5	Input Power	Watt	300 avg.	
6	IN/OUT Impedance	Ω	50	
7	PIMD	dBc	-150 min. @ 2x20W (3 <sup>rd</sup> order)	
8	Operating Temp. Range	°C	-40 ~ +70	
9	Relative Humidity	%	0 to 95	
10	Connector	-	DIN-Type (7/16 Female)	
11	Size without Bracket	mm	175.1x119.5x42.0	
12	Weight	Kg	1.8	
13	Application	-	Outdoor (IP65)	
14	Mounting	-	Wall mounting bracket	
15	Finish	-	Black Epoxy Painting	

**Dimension [Unit: mm]**  
Refer to the next page

# Microwave

■ Dimension [Unit: mm]

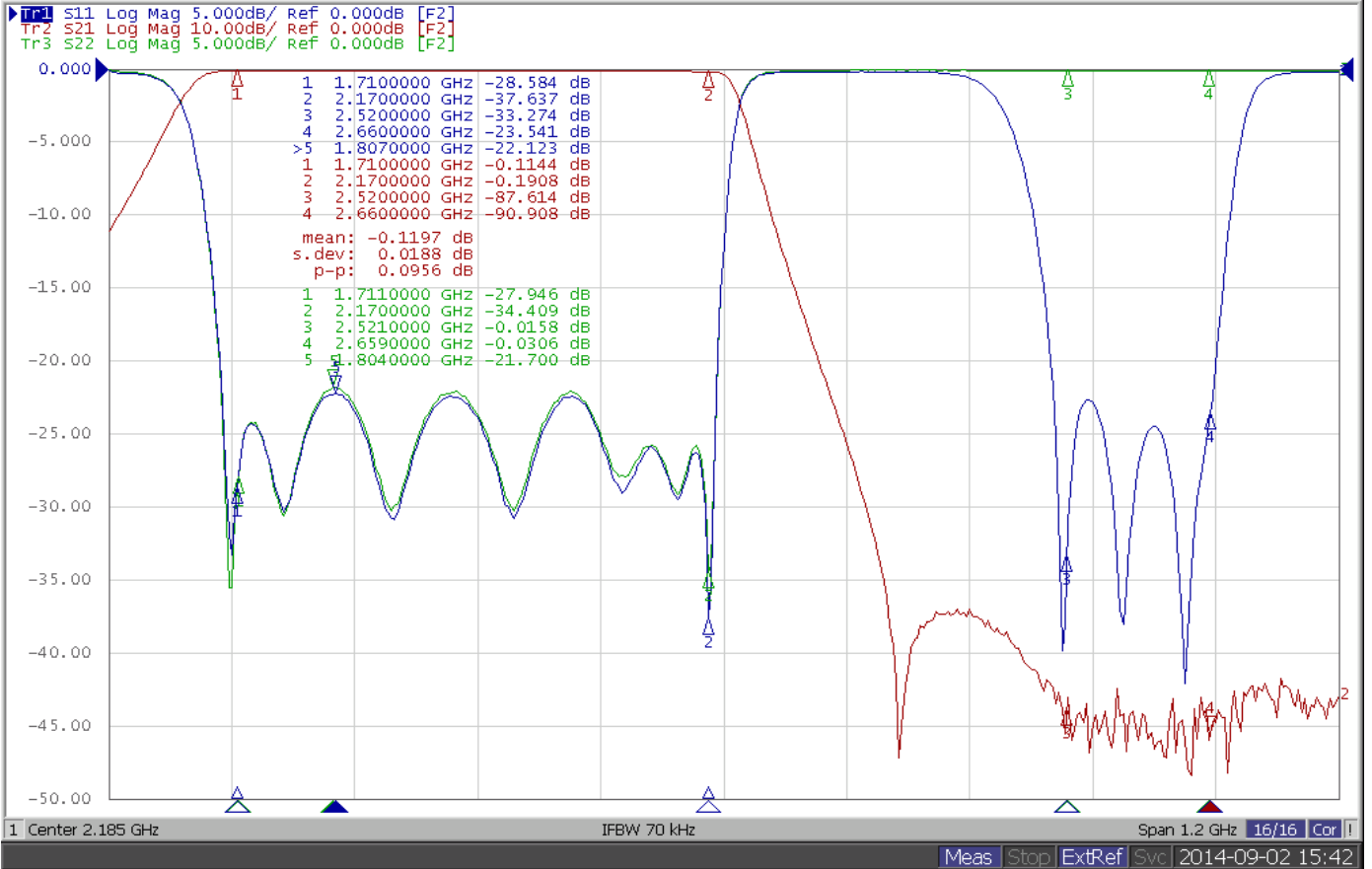


# Performance Graphs

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Resize



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