

**T&J ELECTRIC (SINGAPORE) PTE LTD**

Company Registration No: 200205797Z  
10 Ubi Crescent, #02-24, Ubi Techpark, Singapore 408564  
Telephone: +65 6547-4333 Fax: +65 6547-4666

Date: April 13, 2010

Subject: Product Information for TV / FM / SAT Triplexer

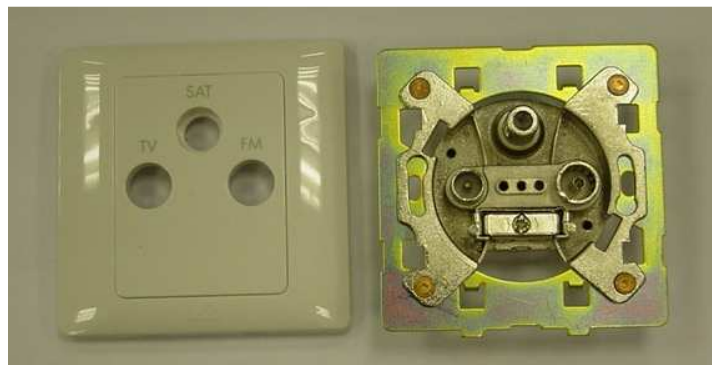
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**Product Features**

- Three output connectors: TV, Radio and Sat.
- Comprise with two parts:
  - a. Center Plate
  - b. Insert
- Two different type of Insert.
  - a. K8553-MI - end type SMATV insert.
  - b. K8563-MI - loop type SMATV insert.
- Cover plate
  - a. K8553-FR - center plate for Radiance range.
  - b. HB8553-FR - center plate for Dazzle range.
- Zinc die cast housing.
- All port connector 75 ohm.
- Connector:
  - a. TV: IEC 169-2 (m)
  - b. Radio: IEC 169-2 (f)
  - c. Sat: F (f)



Complete Product



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**Technical Specification of insert**

Insert Type		K8553-MI	K8563-MI
Frequency Range (MHz)	IN - OUT	5 - 2250	
	IN - TV	5 - 74 / 120 - 860	
	IN - FM	88 - 108	
	IN - SAT	950 - 2250	
Tap Loss (dB)	IN - OUT	-	4.0 - 7.0
	IN - TV	1.5 - 2.5	6.0 - 10.0
	IN - FM	2.0	7.0 - 9.0
	IN - SAT	2.0 - 3.0	7.0 - 11.0
Connector	IN / OUT	Coaxial	
	TV	IEC - Male	
	FM	IEC - Female	
	SAT	F Type Female	
RFI Shielding (dB)		100	
Isolation (dB)		> 20	

**Order Code**

Insert Type	Description
K8553-MI	SMATV insert (end type)
K8563-MI	SMATV insert (loop type)
K8553-FR-xxx	Cover plate for Radiance range. xx - represent the color code
HB8553-FR	Cover plate for Dazzle range

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**Installation Notes**

- K8553-MI

Coaxial cable is connected on the right hand side which is indicated with a "IN" Arrow on the cable clamp.

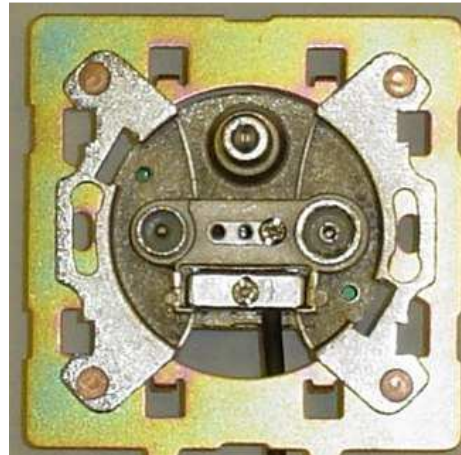
The screw near the FM outlet is used to fasten the coaxial cable core.

- K8563-MI

"IN" Coaxial cable is connected on the right hand side which is indicated with a "IN" Arrow on the cable clamp.

"OUT" Coaxial Cable is connected on the left hand side which is indicated with a "OUT" Arrow on the cable clamp.

The screw near "TV" and "FM" outlet is used to fasten the coaxial cable core respectively.



Installation with K8553-MI inserts