



Diplexer DTT/DTH		DHT2231	
Description	Specification		
		DTH	DTT
Frequency Range	MHZ	950 to 2150	174 to 806
Insertion Loss (In to DTH)	dB	< 2	< 2
Return Loss	dB	> 10	> 10
DC passing (In to DTH)	mA	Yes, > 500	No
LNB band Switching (Out to DTH Port)	KHz	Yes, 22 ± 2	
General			
Input Ports Isolation	dB	> 25	
Impedance	Ohms	75	
Connectors	Type	F** Female	
Operation Temperature	OC	-10 to + 80	
Shielding	dB	> 100 (Solder Back Case / RFI Shielding)	

Diplexer HPNA and DTT-DTH		DHT2131	
Description	Specification		
		HPNA	DTH/DTT
Frequency Range	MHZ	5 to 44	174 to 806 and 950 to 2150
Insertion Loss (In to DTH)	dB	< 2	< 2
Return Loss	dB	> 18	> 10
DC passing (In to DTH)	mA	No	Yes, > 500
LNB band Switching (Out to DTH Port)	KHz		Yes, 22 ± 2
General			
Input Ports Isolation	dB	> 25	
Impedance	Ohms	75	
Connectors	Type	F** Female	
Operation Temperature	OC	-10 to + 80	
Shielding	dB	> 100 (Solder Back Case / RFI Shielding)	

Triplexer - HPNA/DTT/DTH		DHT1113		
Description	Specification			
		DTH	DTT	HPNA
Frequency Range	MHZ	950 to 2150	174 to 806	5 to 44
Return Loss	dB	> 10	> 10	> 18
DC passing (In to DTH)	dB	Yes, > 500	No	No
LNB band Switching (Out to DTH Port)	KHz	Yes, 22 ± 2		
General				
Insertion Loss (In to HPNA, DTT, DTH)	dB	< 2		
Output Ports Isolation	dB	> 25		
Impedance	Ohms	75		
Connectors	Type	F** Female		
Operation Temperature	OC	-10 to + 80		
Shielding	dB	> 100 (Solder Back Case / RFI Shielding)		