

RF Switch • HRS-201 Series  
Technical Specification

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## **1.0 PRODUCT DESCRIPTION**

Huatai HRS-201 2×1 RF switch, with its high resolution to the RF monitor, it could be widely applied in the system which need to control, switch or redundancy the RF signal.

## **2.0 PRODUCT FEATURE**

- High frequency monitor resolution.
- Standard RS232 communicate port.
- Integrate SNMP network management function.
- Automatic or manual switchover mode.
- Switch reference level can be set by front panel or internet.

## **3.0 MAIN APPLICATION**

- CATV RF switching, redundancy backups.
- RF control system.
- Laboratory.

## 4.0 TECHNIQUE INDEX

Performance		Index	Supplement	
Optic feature	Operating bandwidth	(MHz)	5~1000	
	Input level range	(dB $\mu$ V)	50~130	
	Control level range	(dB $\mu$ V)	60~120	
	Resolving capability	(dB)	$\leq 0.5$	
	Switch mode		AGC & MGC	
	Switch time	(ms)	$\leq 10$	
	Insert loss	(dB)	1.2~2.2	
	Flatness	(dB)	$\leq 0.5$	
	Return loss	(dB)	$\geq 16$	5~1000MHz
	Impedance	( $\Omega$ )	75	
	RF connector		F-female	
General feature	Communication interface		RS232	
	SNMP Network management interface		RJ45	
	Power supply	(V)	95~250VAC	Optional -48VDC(30~60VDC)
	Power consume	(W)	10	
	Operating temp.	( $^{\circ}$ C)	5~65	
	Storage temp.	( $^{\circ}$ C)	-40~85	
	Relative humidity	(%)	5~95	
	Size	(")	19 $\times$ 10.5 $\times$ 1.75	(W) $\times$ (D) $\times$ (H)

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