

RF42 Series

TELEVISION INSTRUMENTS

CHANNEL MIXER



General

The RF42 series of channel mixers is designed to mix channels signals in the VHF, CATV, and UHF TV bands, and output them as a mixed signal.

Specifications

Type No.	RF4201	RF4205	RF4207	RF420B	RF420Q
	VHF	VHF	UHF	UHF	VHF/UHF
Input					
Number of inputs	2	6	2	6	U3V3
Impedance	75 Ω	75 Ω	75 Ω	75 Ω	75 Ω
Level	10 W or less(*)	10 W or less(*)	10 W or less(*)	10 W or less(*)	10 W or less(*)
Connector type	BNC-R	BNC-R	BNC-R	BNC-R	BNC-R
Output					
Number of output	1	1	1	1	1
Impedance	75 Ω	75 Ω	75 Ω	75 Ω	75 Ω
Connector type	NC-R	NC-R	NC-R	NC-R	BNC-R or NC-R
Characteristics					
Input-output VSWR	<1.3	<1.3	<1.3	<1.3	<1.3
insertion loss	≤ 3 dB	≤ 3 dB	≤ 4 dB	≤ 4 dB	VHF: ≤ 3 dB UHF: ≤ 4 dB
Isolation	>20 dB	>20 dB	>20 dB	>20 dB	>20 dB
Weight	Approx. 5 kg	Approx. 10 kg	Approx. 5 kg	Approx. 10 kg	Approx. 10 kg
Dimensions	426(W) x 149(H) x 460(D)mm				
Accessories	Input and output connector type x 1 set Optional rack mounting adaptor				

Note: (*) In case of adjacent channel: 1 W or less.

The standard models are listed above. Alternative specifications can be provided to meet customer requirements.

