

Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
4401	84.3	54.8	20.1	13.5	28.5	4435	113.0	50.5	16.0	14.5	28.5
4402	66.2	46.6	20.0	33.0	28.5	4436	54.0	43.0	13.9	14.5	28.5
4403	66.2	46.6	20.0	8.2	28.5	4437	52.5	39.5	16.0	18.5	28.5
4404	66.2	46.6	20.0	14.5	28.5	4438	52.5	39.5	16.0	14.5	28.5
4405	66.2	46.6	20.0	8.2	28.5	4439	52.5	42.8	14.5	14.5	28.5
4406	66.2	46.6	20.0	14.5	28.5	4440	53.5	41.7	14.5	14.5	28.5
4407	53.0	46.0	13.5	13.8	28.5	4441	53.5	44.5	15.3	18.0	28.5
4408	53.0	46.0	13.5	13.8	28.5	4442	53.5	41.7	14.5	20.6	28.5
4409	53.0	46.0	13.5	13.8	28.5	4443	64.5	44.5	15.0	14.5	28.5
4410	66.8	47.8	19.8	18.5	28.5	4444	56.5	45.6	13.8	14.5	37.5
4411	57.0	45.0	13.0	9.0	38.6	4445	56.5	39.3	14.7	21.6	31.5
4412	57.0	46.0	13.5	22.0	38.5	4446	56.5	39.3	14.7	21.6	31.5
4413	64.6	44.4	15.0	31.5	28.5	4447	56.5	47.8	13.8	14.5	31.5
4414	54.0	43.0	13.9	14.5	28.5	4448	56.5	46.5	13.8	22.5	30.0
4415	54.0	43.0	13.9	14.5	28.5	4450	126.4	47.0	20.0	32.2	28.5
4416	57.0	46.0	15.4	19.0	38.6	4451	126.4	47.0	20.0	32.2	28.5
4417	52.5	47.0	14.0	14.5	28.5	4452	56.8	46.5	15.4	18.2	38.6
4418	52.5	47.0	14.0	14.5	28.5	4453	93.7	55.8	16.5	14.5	31.5
4419	54.0	47.0	15.4	10.0	32.0	4454	93.7	55.8	16.5	14.5	31.5
4420	66.0	56.5	19.0	15.0	28.5	4455	72.5	39.0	14.6	21.6	30.0
4421	82.1	54.7	20.0	18.9	28.5	4456	93.7	55.8	16.5	14.5	31.5
4422	56.0	47.0	15.4	19.2	38.6	4457	93.7	55.8	16.5	14.5	31.5
4423	66.0	56.5	20.0	15.0	28.5	4458	162.0	59.3	21.1	19.5	28.5
4424	66.0	56.5	20.0	15.0	28.5	4459	162.0	59.3	21.1	19.5	28.5
4425	66.0	56.5	20.0	15.0	28.5	4460	162.0	59.3	21.1	19.5	28.5
4426	54.0	39.3	15.9	14.5	28.5						
4427	54.0	39.3	15.9	14.5	28.5						
4428	54.0	41.6	14.6	20.6	28.5						
4429	54.0	41.6	14.6	20.6	28.5						
4430	113.0	50.5	16.0	14.5	28.5						
4431	113.0	50.5	16.0	14.5	28.5						
4432	113.0	50.5	16.0	14.5	28.5						
4433	113.0	50.5	16.0	14.5	28.5						
4434	113.0	50.5	16.0	14.5	28.5						

TV

VIDEO

CD

AUDIO

COMPONENTS

CATV + SAT

TEST



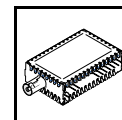
Tuner

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Sintonizadores

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Case 8001



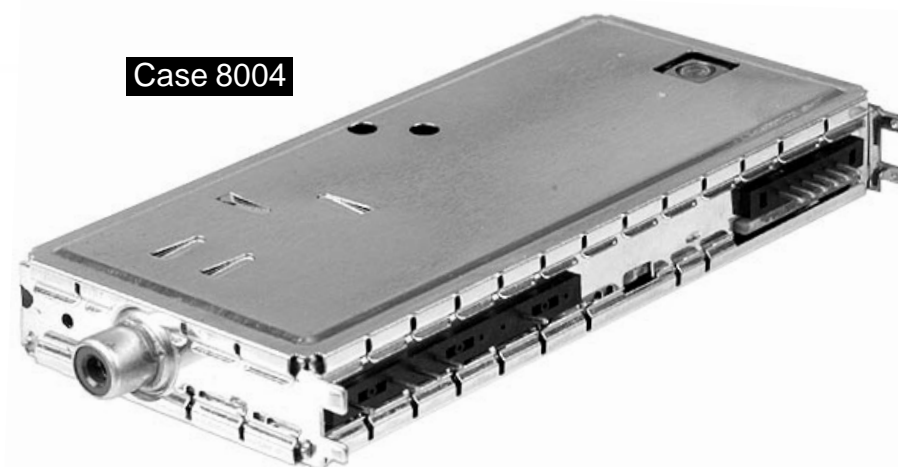
Case 8003



Case 8002



Case 8004



Case 8005



Case 8006



Case 8001		Type 4424		IF output unbalanced AFC/ AFT Receiving channel		Type 4440	
Type 4402		Antenna connector IEC		Pin 8		Antenna connector IEC	
Supply voltage +DC	Pin 6	Supply voltage +DC	Pin 2	Pin 6		Type 4441	
AGC voltage 0,85-9,2V	Pin 5	AGC voltage 0,85-9,2V	Pin 1	E2-S1		Antenna connector IEC	
PLL supply voltage +5V	Pin 12	Tuning voltage 0,3-28V	Pin 7	S2-S20		Type 4442	
Tuning voltage supply +33V	Pin 11	IF output unbalanced	Pin 13	E21-E69		Antenna connector IEC	
SCL	Pin 13	Ground	Pin 12	1-5		Case 8003	
SDA	Pin 14	Receiving channel	E21-E69	SK1-SK19		Type 4410	
IF output symm	Pin 16, 17			21-60		Antenna connector IEC	
Address selection	Pin 15			Type 4426		Antenna connector IEC	
Type 4404		Type 4425		Antenna connector IEC		Case 8004	
Antenna connector	IEC	Antenna connector	IEC	AGC voltage 0,85-9,2V		Type 4430	
Supply voltage +DC	Pin 6	VHF high band supply +DC	Pin 12	Tuning voltage 0,3-28V		Antenna connector IEC	
AGC voltage 0,85-9,2V	Pin 5	UHF band supply +DC	Pin 11	VHF low band supply +DC		Supply voltage +DC	
PLL supply voltage +5V	Pin 12	HYP band supply +DC	Pin 13	VHF high band supply +DC		AGC voltage 0,85-9,2V	
Tuning voltage supply +33V	Pin 11	PLL supply voltage +5V	Pin 14	UHF band supply +DC		Tuning voltage supply +33V	
SCL	Pin 13	SCL	Pin 17	PLL supply voltage +5V		SCL	
SDA	Pin 14	IF output unbalanced	Pin 16	IF output unbalanced		SDA	
IF output unbalanced	Pin 17	Receiving channel	E2-S10	Type 4427		IF output symm	
Address selection	Pin 15		E5-S41	Antenna connector IEC		Case 8004	
Ground	Pin 16		S40-E69	AGC voltage 0,85-9,2V		Type 4430	
Type 4406		Case 8002		Tuning voltage 0,3-28V		Antenna connector IEC	
Antenna connector	IEC	Type 4414		VHF low band supply +DC		AGC voltage 0,85-9,2V	
Supply voltage +DC	Pin 6	Antenna connector	IEC	VHF high band supply +DC		PLL supply voltage +5V	
AGC voltage 0,85-9,2V	Pin 5	Supply voltage +DC	Pin 6	UHF band supply +DC		Tuning voltage supply +33V	
Tuning voltage 0,3-28V	Pin 11	AGC voltage 0,85-9,2V	Pin 1	PLL supply voltage +5V		SCL	
VHF low band supply +DC	Pin 7	Tuning voltage 0,3-28V	Pin 9	IF output unbalanced		SDA	
VHF high band supply +DC	Pin 8	Type 4415		Type 4428		AFC/ AFT	
UHF band supply +DC	Pin 10	Antenna connector	IEC	AGC voltage 0,85-9,2V		Ground	
IF output unbalanced	Pin 17	AGC voltage 0,85-9,2V	Pin 1	Tuning voltage 0,3-28V		Video output	
Ground	Pin 16			VHF low band supply +DC		Output 1st IF audio	
Receiving channel	E2-C	Type 4417		VHF high band supply +DC		Output 2nd IF audio	
	E5-E12	Antenna connector	IEC	UHF band supply +DC		Type 4431	
	E21-E69	Supply voltage +DC	Pin 6	PLL supply voltage +5V		Antenna connector IEC	
	S01-S10	AGC voltage 0,85-9,2V	Pin 1	IF output unbalanced		AGC voltage 0,85-9,2V	
	S11-S39			Type 4429		PLL supply voltage +5V	
	S40-S41	Antenna connector	IEC	Antenna connector IEC		Tuning voltage supply +33V	
Type 4420		Supply voltage +DC	Pin 6	AGC voltage 0,85-9,2V		SCL	
Antenna connector	IEC	AGC voltage 0,85-9,2V	Pin 1	Tuning voltage 0,3-28V		SDA	
Supply voltage +DC	Pin 2	Tuning voltage 0,3-28V	Pin 2	VHF low band supply +DC		AFC/ AFT	
AGC voltage 0,85-9,2V	Pin 1	VHF low band supply +DC	Pin 5	VHF high band supply +DC		Ground	
Tuning voltage 0,3-28V	Pin 7	UHF band supply +DC	Pin 3	UHF band supply +DC		Video output	
VHF low band supply +DC	Pin 3	HYP band supply +DC	Pin 4	PLL supply voltage +5V		Output 1st IF audio	
UHF band supply +DC	Pin 6	IF output symm	Pin 10,11	IF output unbalanced		Output 2nd IF audio	
HYP band supply +DC	Pin 4	Receiving channel	E2-S10	Type 4436		Type 4432	
IF output symm	Pin 12,13		E5-S41	Antenna connector IEC		Antenna connector IEC	
Receiving channel	E2-S10	Type 4418		Supply voltage +DC		AGC voltage 0,85-9,2V	
	E5-S41	Antenna connector	IEC	AGC voltage 0,85-9,2V		PLL supply voltage +5V	
	S40-E69	Supply voltage +DC	Pin 7	Tuning voltage 0,3-28V		Tuning voltage supply +33V	
	1-C8	AGC voltage 0,85-9,2V	Pin 1	UHF band supply +DC		SCL	
	6-C41	Tuning voltage 0,3-28V	Pin 2	SCL		SDA	
	C40-69	Tuning voltage supply +33V	Pin 9	SDA		AFC/ AFT	
Type 4423		SCL	Pin 4	IF output symm		Ground	
Antenna connector	IEC	SDA	Pin 5	Ground		Type 4433	
Supply voltage +DC	Pin 2	IF output symm	Pin 10,11	Type 4437		Antenna connector IEC	
AGC voltage 0,85-9,2V	Pin 1	Address selection	Pin 3	Antenna connector IEC		AGC voltage 0,85-9,2V	
Tuning voltage 0,3-28V	Pin 7	AFC/ AFT	Pin 8	Type 4438		PLL supply voltage +5V	
VHF low band supply +DC	Pin 3	Receiving channel	E2-S10	Antenna connector IEC		Tuning voltage supply +33V	
VHF high band supply +DC	Pin 4		E5-S41	AGC voltage 0,85-9,2V		SCL	
UHF band supply +DC	Pin 6		S40-E69	Tuning voltage 0,3-28V		SDA	
IF output symm	Pin 12,13		1-SK8	PLL supply voltage +5V		AFC/ AFT	
Receiving channel	E2-S01		6-SK41	IF output unbalanced		Ground	
	S02-S20		SK40-69	Type 4439		Video output	
	E21-E69			Antenna connector IEC		Output 1st IF audio	
	1-5			AGC voltage 0,85-9,2V		Output 2nd IF audio	
	C1-C18			Tuning voltage 0,3-28V			
	21-69			PLL supply voltage +5V			
				IF output unbalanced			

Tuner

<p>Type 4434</p> <p>Antenna connector RCA AGC voltage 0,85-9,2V Pin 1 PLL supply voltage +5V Pin 13 Tuning voltage supply +33V Pin 9 SCL Pin 4 SDA Pin 5 Ground Pin 12 Video output Pin 16 Output 1st IF audio Pin 15 Output 2nd IF audio Pin 14</p> <p>Type 4435</p> <p>Antenna connector RCA AGC voltage 0,85-9,2V Pin 1 PLL supply voltage +5V Pin 13 Tuning voltage supply +33V Pin 9 SCL Pin 4 SDA Pin 5 Ground Pin 12 Video output Pin 16 Output 1st IF audio Pin 15 Output 2nd IF audio Pin 14</p> <p>Case 8005</p> <p>Type 4403</p> <p>Antenna connector RCA Supply voltage +DC Pin 6 AGC voltage 0,85-9,2V Pin 5 PLL supply voltage +5V Pin 12 Tuning voltage supply +33V Pin 11 SCL Pin 13 SDA Pin 14 IF output unbalanced Pin 17 Ground Pin 16</p> <p>Type 4405</p> <p>Antenna connector RCA Supply voltage +DC Pin 6 AGC voltage 0,85-9,2V Pin 5 Tuning voltage 0,3-28V Pin 11 VHF low band supply +DC Pin 7 VHF high band supply +DC Pin 8 UHF band supply +DC Pin 10 IF output unbalanced Pin 17 Ground Pin 16 Receiving channel E2-C E5-E12 E21-E69 S01-S10 S11-S39 S40-S41</p> <p>Case 8006</p> <p>Type 4455</p> <p>Antenna connector IEC Supply voltage +DC Pin 14 AGC voltage 0,85-9,2V Pin 5 PLL supply voltage +5V Pin 10 Tuning voltage supply +33V Pin 8 SCL Pin 12 SDA Pin 13 IF output symm Pin 9 Ground Pin 1,2,3,4</p> <p>Case 8007</p> <p>Type 4453</p> <p>Antenna connector IEC</p>	<p>Type 4454</p> <p>Antenna connector IEC</p> <p>Case 8008</p> <p>Type 4456</p> <p>Antenna connector IEC</p> <p>Type 4457</p> <p>Antenna connector IEC</p> <p>Case 8011</p> <p>Type 4412</p> <p>Antenna connector IEC Supply voltage +DC Pin 7 AGC voltage 0,85-9,2V Pin 4 Tuning voltage 0,3-28V Pin 2 VHF low band supply +DC Pin 5 VHF high band supply +DC Pin 3 UHF band supply +DC Pin 1 IF output unbalanced Pin 8 Receiving channel E2-S2 S3-S20 E21-E69</p> <p>Type 4416</p> <p>Antenna connector IEC Supply voltage +DC Pin 7 AGC voltage 0,85-9,2V Pin 4 Tuning voltage 0,3-28V Pin 2 VHF low band supply +DC Pin 5 VHF high band supply +DC Pin 3 UHF band supply +DC Pin 1 IF output unbalanced Pin 8 AFC/ AFT Pin 6 Receiving channel E2-S1 S2-S20 E21-E69 1-5 C1-C19 21-60</p> <p>Type 4444</p> <p>Antenna connector IEC Supply voltage +DC Pin 7 AGC voltage 0,85-9,2V Pin 4 VHF low band supply +DC Pin 5 VHF high band supply +DC Pin 3 UHF band supply +DC Pin 1 Tuning voltage supply +33V Pin 2 IF output unbalanced Pin 9 AFC/ AFT Pin 6</p> <p>Type 4445</p> <p>Antenna connector IEC</p> <p>Type 4446</p> <p>Antenna connector IEC</p> <p>Type 4447</p> <p>Antenna connector IEC</p> <p>Type 4448</p> <p>Antenna connector IEC</p> <p>Type 4452</p> <p>Antenna connector IEC Supply voltage +DC Pin 7 AGC voltage 0,85-9,2V Pin 4</p>	<p>Tuning voltage 0,3-28V Pin 2 VHF low band supply +DC Pin 5 VHF high band supply +DC Pin 3 UHF band supply +DC Pin 1 IF output unbalanced Pin 8 AFC/ AFT Pin 6 Receiving channel E2-S10 E5-S41 E21-E69 1-SK8 6-SK40 21-60</p> <p>Case 8012</p> <p>Type 4413</p> <p>Antenna connector IEC</p> <p>Type 4443</p> <p>Antenna connector IEC Supply voltage +DC Pin 2 AGC voltage 0,85-9,2V Pin 1 PLL supply voltage +5V Pin 8 Tuning voltage supply +33V Pin 7 SCL Pin 9 SDA Pin 10 IF output symm Pin 12,13 Address selection Pin 11 Ground Pin 14,15</p> <p>Case 8013</p> <p>Type 4401</p> <p>Antenna connector IEC Supply voltage +DC Pin 6 AGC voltage 0,85-9,2V Pin 5 Tuning voltage 0,3-28V Pin 11 VHF low band supply +DC Pin 7 VHF high band supply +DC Pin 8 UHF band supply +DC Pin 10 PLL supply voltage +5V Pin 12 IF output symm Pin 16, 17 Ground Pin 15 Receiving channel E2-C E5-E12 E21-E69 S01-S10 S11-S39 S40-S41</p> <p>Type 4421</p> <p>Antenna connector IEC Supply voltage +DC Pin 2 AGC voltage 0,85-9,2V Pin 1 PLL supply voltage +5V Pin 8 Tuning voltage supply +33V Pin 7 SCL Pin 9 SDA Pin 10 IF output symm Pin 12,13 Address selection Pin 11</p> <p>Case 8014</p> <p>Type 4458</p> <p>Antenna connector IEC</p> <p>Type 4459</p> <p>Antenna connector IEC</p> <p>Type 4460</p> <p>Antenna connector IEC</p>	<p>Case 8015</p> <p>Type 4407</p> <p>Antenna connector IEC Supply voltage +DC Pin 8 AGC voltage 0,85-9,2V Pin 9 PLL supply voltage +5V Pin 4 Tuning voltage supply +33V Pin 5 SCL Pin 2 SDA Pin 1 IF output symm Pin 6, 7 Address selection Pin 3 Ground Pin 10</p> <p>Type 4408</p> <p>Antenna connector IEC Supply voltage +DC Pin 1 AGC voltage 0,85-9,2V Pin 2 PLL supply voltage +5V Pin 5 Tuning voltage supply +33V Pin 4 SCL Pin 6 SDA Pin 7 IF output symm Pin 9, 10 Address selection Pin 8 Ground Pin 3</p> <p>Type 4409</p> <p>Antenna connector IEC Supply voltage +DC Pin 1 AGC voltage 0,85-9,2V Pin 2 PLL supply voltage +5V Pin 5 Tuning voltage supply +33V Pin 4 SCL Pin 6 SDA Pin 7 IF output symm Pin 9, 10 Address selection Pin 8 Ground Pin 3</p> <p>Case 8016</p> <p>Type 4411</p> <p>Antenna connector RCA Supply voltage +DC Pin 7 AGC voltage 0,85-9,2V Pin 4 Tuning voltage 0,3-28V Pin 2 VHF low band supply +DC Pin 5 VHF high band supply +DC Pin 3 UHF band supply +DC Pin 1 IF output unbalanced Pin 8 AFC/ AFT Pin 6 Receiving channel E2-E4 E5-E12 E21-E69</p> <p>Type 4419</p> <p>Antenna connector RCA Supply voltage +DC Pin 7 AGC voltage 0,85-9,2V Pin 4 Tuning voltage 0,3-28V Pin 2 VHF low band supply +DC Pin 5 VHF high band supply +DC Pin 3 UHF band supply +DC Pin 1 IF output unbalanced Pin 8 AFC/ AFT Pin 6 Receiving channel E2-S1 S2-S20 E21-E69 1-5 C1-C19 21-60</p>
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Tuner

Tuner

8017

Tuner

Sintonizadores

<div>Case 8017</div> <div>Type 4450</div> <div>Antenna connector IEC</div> <div>Supply voltage +DC Pin 6</div> <div>AGC voltage 0,85-9,2V Pin 5</div> <div>PLL supply voltage +5V Pin 12</div> <div>Tuning voltage supply +33V Pin 11</div> <div>SCL Pin 13</div> <div>SDA Pin 14</div> <div>IF output unbalanced Pin 17</div> <div>Adress selection Pin 15</div> <div>Ground Pin 16</div> <div>IF output for NICAM Pin 22</div> <div>Video output Pin 23</div> <div>Output 1st IF audio Pin 25</div> <div>Output 2nd IF audio Pin 27</div> <div>Receiving channel E2-C</div> <div>E5-E12</div> <div>E21-E69</div> <div>S01-S10</div> <div>S11-S39</div> <div>S40-S41</div> <div>Type 4451</div> <div>Antenna connector IEC</div> <div>Supply voltage +DC Pin 6</div> <div>AGC voltage 0,85-9,2V Pin 5</div> <div>PLL supply voltage +5V Pin 12</div> <div>Tuning voltage supply +33V Pin 11</div> <div>SCL Pin 13</div> <div>SDA Pin 14</div> <div>IF output symm Pin 16, 17</div> <div>Adress selection Pin 15</div> <div>IF output for NICAM Pin 22</div> <div>Video output Pin 23</div> <div>Output 1st IF audio Pin 25</div> <div>Output 2nd IF audio Pin 27</div> <div>Receiving channel E2-C</div> <div>E5-E12</div> <div>E21-E69</div> <div>S01-S10</div> <div>S11-S39</div> <div>S40-S41</div>				TV
				VIDEO
				CD
				AUDIO
				COMPONENTS
				CATV + SAT
				TEST



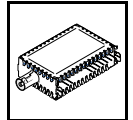
Tuner

Tuner

Sintonizadores

Tuner

Tuner



Tuner

Case 8007



Case 8008



Case 8010



Case 8011



Case 8012



Case 8013



TV

VIDEO

CD

AUDIO

COMPONENTS

CATV + SAT

TEST





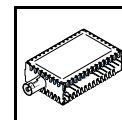
Tuner

Tuner

Sintonizadores

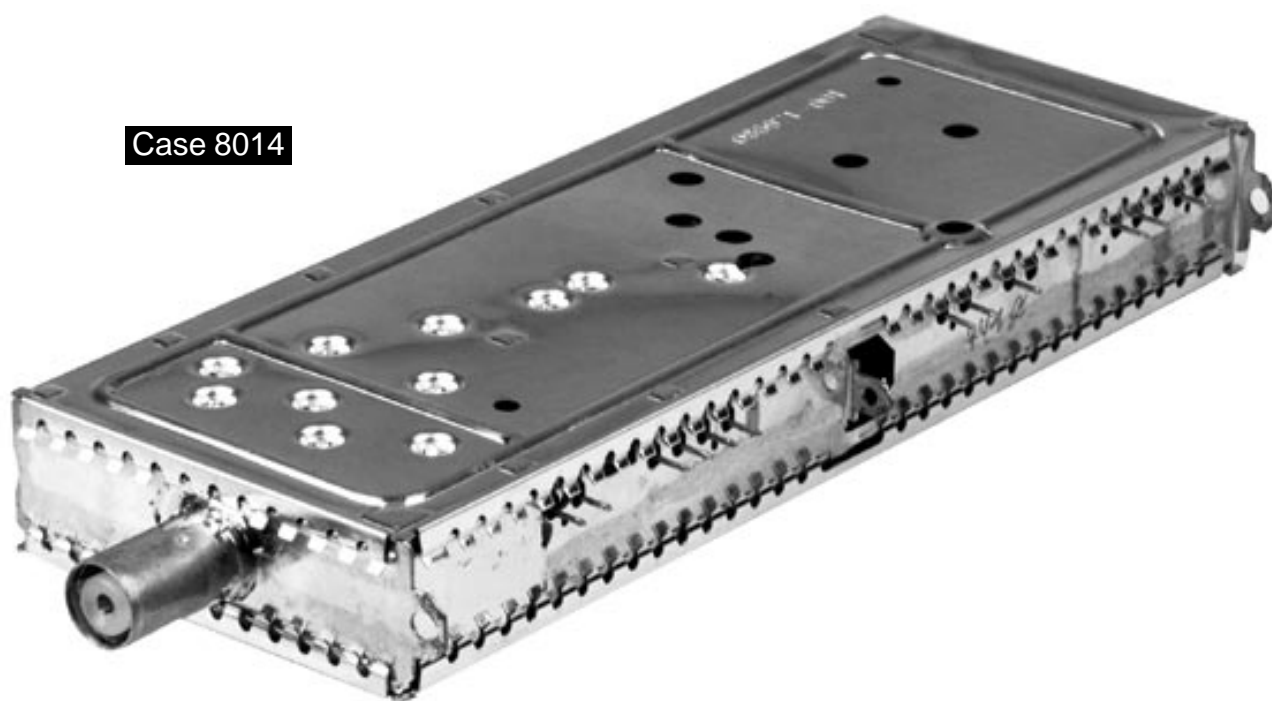
Tuner

Tuner



Tuner

Case 8014



Case 8016



Case 8015



Case 8017

