

For car TV devices

Film type antennas

Different types of linear transparent film elements

■ Type:O

Size (mm):69*213



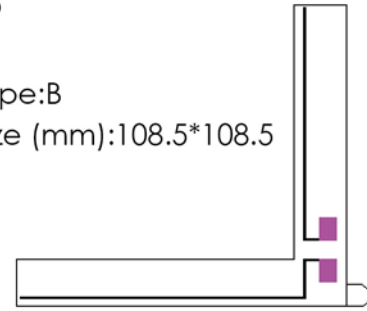
■ Type:A

Size (mm):38*105



■ Type:B

Size (mm):108.5*108.5



■ Type:C

Size (mm):30*202



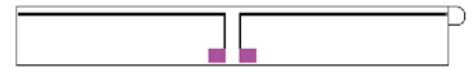
■ Type:D

Size (mm):45*214



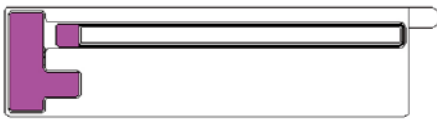
■ Type:E

Size (mm):25*209



■ Type:G

Size (mm):31*118.5



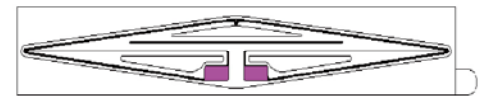
■ Type:I

Size (mm):32*98



■ Type:J/T

Size (mm):28*202



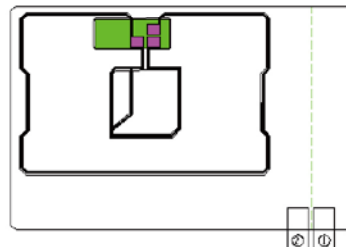
■ Type:M

Size (mm):96*165



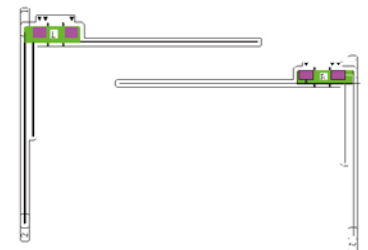
■ Type:N-special for multi-system (GPS/ Digital TV)

Size (mm):76.5*116.5



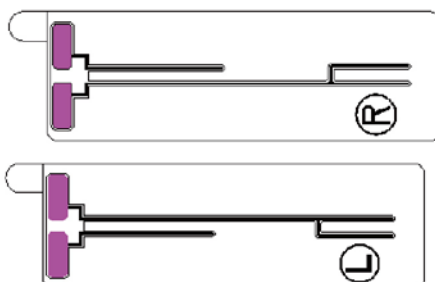
■ Type:P

Size (mm):107.5*120.7



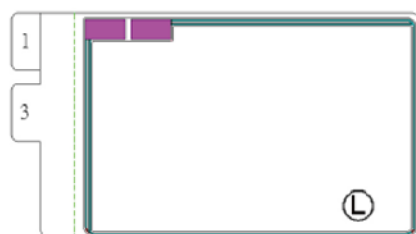
■ Type:R

Size (mm):34*105



■ Type:V

Size (mm):80*135



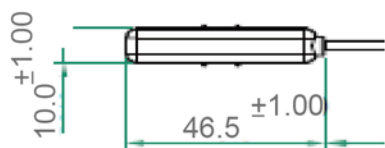


Perspective Vision

Get rid of the blind spot!
Keep your eyes and ears open!

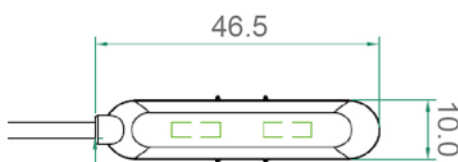
Different types of connecting box

M/ MP/ CAT-050 series



- "MP" is for passive ;
"M"/ "CAT-050" is for active .
- The PCB of amplifier is inside of the connecting box.
- With RG174 cable

MP/ CAT-013 series



- "MP" is for passive ;
"CAT-013" is for active .
- The PCB of amplifier is outside of connecting box and between the RG174 cable.

CAT-046 series



- For active function;
- The PCB of amplifier is inside of the connecting box.
- With RG174 cable

For car TV devices FPC type antennas

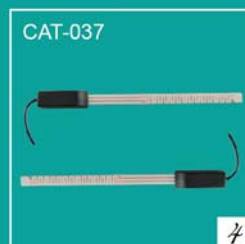
Dynamic Trend

Round up all!
Touch in your heart!

The active VHF/UHF antennas of Ych can be used to receive the digital/analog broadcast / TV and satellite programs with a built-in amplifier which is externally adjustable to improve reception.



1 T05 type series

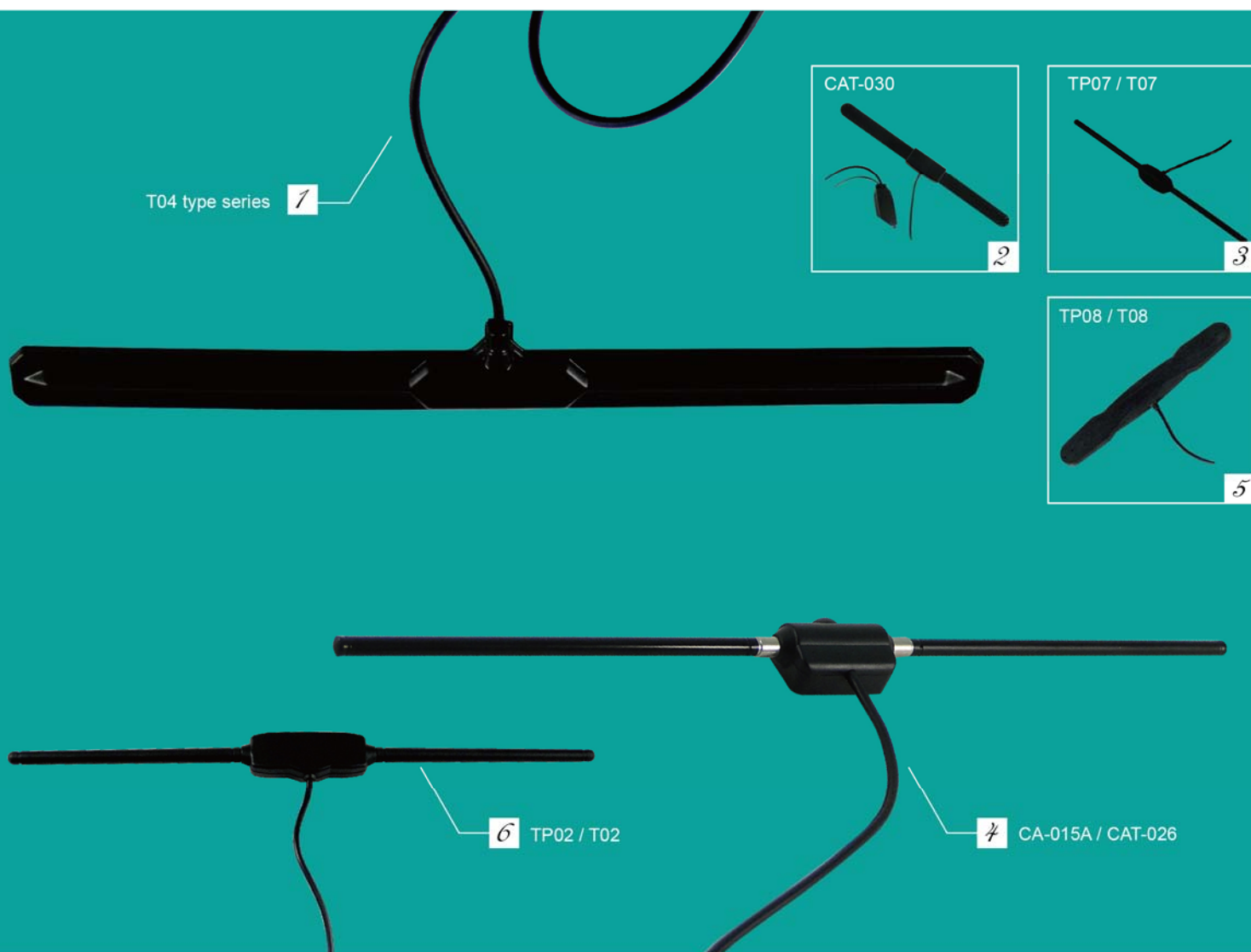


5 TP01/T01 with holder

	Item No.	Function	Frequency	Gain	V.S.W.R.	Dimension (mm)	Power voltage (V)	power source
1	T05 type series	Passive	280~330 Mhz	0	< 2.0 : 1	218*35	N/A	N/A
		Active	280~330 Mhz	16/ 18/ 22/ 25	< 1.5 : 1	218*35	3.3 / 5 / 8 / 12	internal from device external
2	CA-004	Passive	UHF	0	< 2.0 : 1	202*17	N/A	N/A
	CAT-001	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	202*17	3.3 / 5 / 8 / 12	internal from device external
3	TP06	Passive	UHF	0	< 2.0 : 1	213*28	N/A	N/A
	T06	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	213*28	3.3 / 5 / 8 / 12	internal from device external
4	CAT-037	Active	UHF / VHF	21 (Max)	< 1.5 : 1	191.5*10	3.3 / 5 / 8 / 12	internal from device external
		Active	UHF / VHF	21 (Max)	< 1.5 : 1	191.5*10	3.3 / 5 / 8 / 12	internal from device external
5	TP01	Passive	UHF	3	< 2.0 : 1	218*35	N/A	N/A
	T01	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	218*35	3.3 / 5 / 8 / 12	internal from device external
6	YCH-110A	Passive	UHF	3	< 2.0 : 1	218*35	N/A	N/A
	CAT-004	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	218*35	3.3 / 5 / 8 / 12	internal from device external

For car TV devices T type antennas

Go through www.ych-antenna.com
for more information and pattern!



	Item No.	Function	Frequency	Gain	V.S.W.R.	Dimension (mm)	Power voltage (V)	power source
1	T04 type series	Passive	UHF	0	< 2.0 : 1	260*20	N/A	N/A
		Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	260*20	3.3 / 5 / 8 / 12	internal from device external
2	CAT-030	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	208*15	3.3 / 5 / 8 / 12	internal from device external
3	TP07	Passive	UHF	0	< 2.0 : 1	213*5.5	N/A	N/A
	T07	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	213*5.5	3.3 / 5 / 8 / 12	internal from device external
4	CA-015A	Passive	UHF	0	< 2.0 : 1	259*4.4	N/A	N/A
	CAT-026-A	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	259*4.4	3.3 / 5 / 8 / 12	internal from device external
5	TP08	Passive	UHF	2	< 2.0 : 1	163*24	N/A	N/A
	T08	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	163*24	3.3 / 5 / 8 / 12	internal from device external
6	TP02	Passive	UHF	0	< 2.0 : 1	260*6	N/A	N/A
	T02	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	260*6	3.3 / 5 / 8 / 12	internal from device external

For car TV / home TV / Computer devices

Magnetic base antennas



	Item No.	Function	Frequency	Gain	V.S.W.R.	Dimension (mm)	Power voltage (V)	power source
A	CA-008 series	Passive	UHF / VHF	1 ~ 3	< 2.0 : 1	Pole : (optional) Base : 50	N/A	N/A
	CA-009-A	Passive	UHF / VHF	1 ~ 3	< 2.0 : 1	3 sections Shortening : 148.7 Elongation : 367 Base : 50	N/A	N/A
	CAT-011 series	Active	UHF / VHF	16/ 18/ 22/ 25	< 1.5 : 1	Pole : (optional) Base : 50	3.3 / 5 / 8 / 12	internal from device external
B	YCH-109	Passive	UHF	3	< 2.0 : 1	Beam : 97.5 Base : 66	N/A	N/A
	YCH-185	Passive	UHF	0	< 2.0 : 1	Beam : 97.5 Base : 40	N/A	N/A
	CA-005 series	Passive	UHF / VHF	0	< 2.0 : 1	Pole : (optional) Base : 66	N/A	N/A
	CA-017 series	Passive	UHF	3	< 2.0 : 1	Pole : (optional) Base : 40	N/A	N/A
	CAT-017-F	Active	UHF	16/ 18/ 22/ 25	< 1.5 : 1	Beam : 97.5 Base : 40	3.3 / 5 / 8 / 12	internal from device external
C	CA-002-A	Passive	UHF / VHF	0	< 2.0 : 1	Pole : 245.5 Base : 30	N/A	N/A
	CA-007 series	Passive	UHF / VHF	0	< 2.0 : 1	Pole : (optional) Base : 30	N/A	N/A
D	CA-018	Passive	UHF / VHF	1.5	< 2.0 : 1	7 sections Shortening : 90.5 Elongation : 305 Base : 50	N/A	N/A
	CA-019	Passive	UHF / VHF	1.5	< 2.0 : 1	7 sections Shortening : 90.5 Elongation : 305 Base : 40	N/A	N/A
	YCH-123-D	Passive	UHF	0	< 2.0 : 1	Pole : 123 Base : 30	N/A	N/A
	CA-064	Passive	UHF / VHF	0	< 2.0 : 1	Pole : 123.8 Base : 33.5	N/A	N/A

Drag-hunter in the sky

Dare to innovate!
Pursue the purpose
remarkable!



B-205



B-206



G-001



G-002



G-003



MF-001

Item No.	Function	Frequency	Gain	V.S.W.R.	Dimension (mm)	Power voltage (V)	power source
B-205	active -- AM/FM	520~1710 Khz	12	< 1.5 : 1	(TBD)	12	
B-206		88~860 Mhz	16			12	
MF-007 series	active -- GPS	1575.42 Mhz	24			3~5	
	active -- DTV	470~860 Mhz	22			12	
	active -- DAB	174~240/ 1452~1492 Mh	20			12	
B-205	1575.42 Mhz	1575.42 Mhz	24			5	
B-206			24			3~5	
G-001	Active for GPS	1575.42 +/- 2	24 (Max)	< 1.8 : 1	49.2*41	3~5	internal
G-002		1575.42 +/- 2	22.5 (Max)	< 1.8 : 1	38.2*29		
G-003		1575.42 +/- 2	22.5 (Max)	< 1.8 : 1	35.8*30.50		
MF-001	GPS	1575.42 Mhz	30	2.0 (Max)	(TBD)	3.3	
	Glomass	1602 Mhz	30	2.0 (Max)		3.3	
	3G/ 4G	800/ 850/ 900/ 1800/ 1900/ 2100/ 2600 Mhz	0	2.0 (Max)		0	

For GSM/DTV/DAB devices

For single function



Film DAB antenna

Item No.	Function	Frequency	Gain	V.S.W.R.	Dimension (mm)	Power voltage (V)	power source
D-03 (the same pattern with DAB-003)	Active	band III / L band	20	< 1.5 : 1	278*17; 274*17	3.3 / 5 / 8 / 12	internal from device external
DAB-003	passive	band III / L band	1	< 2.0 : 1	278*17; 274*17	N/A	N/A
DM01G	Active	band III / L band	21	< 2.0 : 1	118.5*31.0	3.3 / 5 / 8 / 12	internal from device external
DM02W	Active	band III / L band	21	< 2.0 : 1	170*94.0	3.3 / 5 / 8 / 12	internal from device external

Pole DAB antenna

DG-01 (with magnetic base)	Active	band III / L band	20	< 1.5 : 1	pole : 251; base : 50	3.3 / 5 / 8 / 12	internal from device external
DAB-004 (with magnetic base)	Passive	band III / L band	0	< 2.0 : 1	pole : 251; base : 50	N/A	N/A
DAB-006 (with sucker)	Passive	band III / L band	0	< 2.0 : 1	pole : around 330	N/A	N/A
I type series	DI01	band III / L band	20	< 1.5:1	183*13*5.6	3.3 / 5 / 8 / 12	internal from device external
	I01	UHF / VHF	19	< 1.5:1	183*13*5.6	3.3 / 5 / 8 / 12	internal from device external
D-01 (Active)	DAB	band III / L band	20	< 1.5:1	117.5*19*11	3.3 / 5 / 8 / 12	internal from device external
	Digital TV	UHF / VHF	19	< 1.5:1	117.5*19*11	3.3 / 5 / 8 / 12	internal from device external
GM-002	GSM/ CDMA/ WLAN	860 / 960 / 1770 / 1800 / 2400 / 3500	0~3	< 2.0 : 1	117.5*19*11	N/A	N/A
D-02 (Active)	DAB	band III / L band	20	< 1.5:1	116.3*15.8*7	3.3 / 5 / 8 / 12	internal from device external
	Digital TV	UHF / VHF	19	< 1.5:1	116.3*15.8*7	3.3 / 5 / 8 / 12	internal from device external
GM-004	GSM/ CDMA/ WLAN	860 / 960 / 1770 / 1800 / 2400 / 3500	0~3	< 2.0 : 1	116.3*15.8*7	N/A	N/A

For portable TV/Hand-held TV computer devices

Go through www.ych-antenna.com for more information and pattern!



A. P'nP external antenna (passive) for digital TV

Item No.	sections	outer diameter	holder
CA-012/ CA-020 series	7 for hard tube	6 ~ 8 mm	IEC/ SMA/ F
CA-021 series	4 for hard tube	3.6 mm	MCX/ thread/ screw
CA-030 series	4 for hard tube	3.6 mm	MCX/ MMCX
CA-034 series	2 for hard tube	2.8 mm	SMA/ thread/ screw
CA-062 series	5 for hard tube (reversed)	3.1mm	MCX/ thread/ screw

B. P'nP internal antenna (passive) for digital TV

Item No.	sections	outer diameter	holder
A-263 series	3 for hard tube (reversed)	2.0 mm	screw
CA-029 series	2 for soft tube	2.8 mm	thread/ screw
CA-039 series	4 for hard tube	2.5 mm	thread/ screw
CA-040/ CA-042 series	5 for hard tube	3.1 mm	thread/ screw
CA-044 series	4 for hard tube	3.0mm	thread/ screw
CA-047 series	4 for hard tube (reversed)	2.5 mm	soldered on PCB/ thread/ screw
CA-055 series	5 for hard tube (reversed)	3.1 mm	soldered on PCB/ thread/ screw
CA-057 series	3 for hard tube	2.8mm	thread/ screw