



H :: Satellite Equipment

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SignalMAX Satellite Dishes

Available Models:

65cm Satelltie Dish
 85cm Satelltie Dish
 90cm Satelltie Dish
 120cm Satelltie Dish
 150cm Satelltie Dish
 180cm Satelltie Dish

SATDISH65SM
 SATDISH85SM
 SATDISH90SM
 SATDISH120SM
 SATDISH150SM
 SATDISH180SM

SignalMAX products are engineered for digital terrestrial and digital satellite reception.

- **Premium Quality**
- **Stainless Steel Nuts & Bolts**
- **Rolled Edges**



	SATDISH.65SM	SATDISH.80SM	SATDISH85SM	SATDISH90SM	SATDISH120SM	SATDISH150SM
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Antenna Size	65 cm	80cm	85cm	90cm	120 cm	150 cm
LNB Mount	Single Arm	Single Arm	Triple Arm	Triple Arm	Triple Arm	Triple Arm
Reflector Optics	Offset	Offset	Offset	Offset	Offset	Offset
Offset Angle	28	TBA	26.6	TBA	27.3	27.3
Aperture Efficiencyhhh	>80%	>75%	>80%	>75%	>80%	>80%
Horizontal Axis	65 cm	80cm	81.2 cm	90cm	120 cm	150 cm
Vertical Axis	74 cm	73cm	92 cm	102cm	135 cm,	163 cm
GAIN@12.5 GHz Ku-Band	37.6 dB	39dBi	39.8 dB	40.5dBi	43 dB	45 dB
Focal Length	32.5 cm	47.6cm	40.6 cm	45cm	60 cm	90 cm
F/D Ratio	0.5	0.7	0.5	0.5	0.5	0.6
Mount Type	Az/El mount	Az/El mount	Az/El mount	Az/El mount	Az/El mount	Az/El mount
Azimuth Alignment	360o	360o	360o	360o	360o	360o
Elevation Alignment	15o~65o	15o~65o	15o~65o	15o~65o	0o~ 90o	0o~ 90o
Pole Diameter	30~50 mm	30~50 mm	30~50 mm	30~50 mm	76 mm	76 mm or 89mm
Operating Temperature	-40oC~+60oC	-40oC~+60oC	-40oC~+60oC	-40oC~+60oC	-40oC~+60oC	-40oC~+60oC
Operation Wind Speed	90km/H	90km/H	90km/H	90km/H	90km/H	90km/H
Survival Wind Speed	180 km/H	180 km/H	180 km/H	180 km/H	180 km/H	180 km/H

Oyster Self Pointing Satellite System

Oyster Digital CI

Available Models:

Oyster Digital CI SATDISHOYSTER 85 DIGI TWIN

Comes with own receiver

- 2x Common Interface slots (CI) for Irdeto cams
- Autoskew
- Remote control for hot swapping

DIGITAL CI

Digital CI Receiver

To allow convenient mobile reception of encrypted programs, the Oyster® Digital receiver is equipped with two CI slots (module and card not included). Access cards are available from the program providers.

- Dimensions: 27.2 x 6.3 x 15.5 cm (W x H x D)
 - Specifications: 12/24 Volt digital receiver with 5000 channels
 - Equipment: remote control and satellite mouse with channel display
 - 2 CI slots for decoder modules
- Features**
- CI: system with two CI slots for Common-Interface modules for encrypted programs (module and card not included)
 - DVB-T: integrated DVB-T tuner (DVB-T antenna not included).
 - Low noise level
 - On-screen display: simple and convenient operation via on-screen display (selectable languages: DE, GB, NL, FR, IT, ES, PT, SE, NO, FI, DK, CZ, GR, PL).
 - 5000 station presets (3500 TV 1 1500 radio)
 - Teletext integrated in digital receiver
 - EPG: Electronic Program Guide
 - Volume-control of TV via receiver remote control
 - Multiple video and audio connections, including Dolby Digital, Scart-Video (Cinch), Y/C (Hosiden), RGB and YUV (Cinch), audio LIR (Cinch), digital audio SPDIF (Cinch: PCM, AC3, dts, Dolby 5.1), modulator output (IEC).
 - Satellite mouse with channel display for concealed installation of receiver in a storage compartment
 - 12/24 V operation
 - Extremely low power consumption (12.5 W in operation, 0 W in standby mode)
 - Dimensions: 27.2 x 6.3 x 15.5 cm (W x H x D)

Oyster Vision

Available Models:

Oyster Digital CI SATDISHOYSTERVISII 85

Receiver independent, use your own.

- No autoskew
- No remote, just control panel on the wall

The fully automatic control center located inside your vehicle is full of intelligent software. At the touch of a button, the antenna moves into the last reception position (LEM). If no image is received in this position, the automatic search function is started immediately. The illuminated display keeps you informed about the various functions. Special functions, e.g. a satellite swap or manual search, can be started by pressing one of the few and easily comprehensible buttons. The additional control unit contains the complete system electronics and can be mounted out of sight in a storage compartment

- Digital satellite search
- Receiver-independent with user-friendly control unit and multiple languages: DE, GB, FR, NL, IT, ES, SE, OK, NO, PT and FI
- All digital and analogue receivers commonly used can be used for satellite aiming. Even receivers integrated in TV set or provider-specific digital set-top boxes can be used!
- LEM technology: Last Elevation Memory for reduced search times (antenna searches at the elevation angle of last reception)
- System is mounted on ball bearings
- Weather-proof design
- Automatic retraction at vehicle start
- High-quality craftsmanship and durable materials
- 3-year warranty and reliable service.



Solid Dishes

Paraclipse 'Hydroformed' Dishes 1.5m (5')

Available Models:

Paraclipse Hydroformed Dishes 1.5m
Paraclipse 'Hydroformed' 90cm Offset Dish

SATDISHPARA1.5
SATDISHPARA.9



Available with AZ/EL or Polar Mount.

Paraclipse hydroformed reflector dishes are precision molded with intense water pressure. These dishes are perfect paraboloids — free of surface deformities, ripples, flat spots or other irregularities. It retains its structural integrity and parabolic shape better than any multi-piece antenna. The result is exceptional performance in C and Ku bands for analog and digital reception, matching or exceeding larger mesh antennas.

'Galvanized' steel ensures that Paraclipse hydroformed dishes are robust and rust-resistant. The 1.5m antenna, the smallest ever made by Paraclipse, offer the necessary gain and efficiency needed to overcome rain fade and weak signals in fringe reception areas. The Hydro's one piece design allows for fast, easy installation.

Technical Specifications

Specifications	1.5m
C Band Gain	4.8dB
Ku Band Gain	4.0dB
C Band Efficiency	68%
Ku Band Efficiency	68%
Focal Distance	0.39
Focal Point	58.7cm
Pole Diameter	60mm

1.5 M dish + Sat Mount

Available Models:

1.5m dish + Sat Mount

SATDISH1.5S + SATMOUNT 1.2 + SATFHMRC&K



Remote Area TV Portable Satellite System

Available Models:

Remote Area TV Portable Satellite System

SATKITCARAVAN



Complete kit including: • Instructions • UEC910 DSD • LNB • SATFINDER for fine-tuning the dish • Aerial transmission cable reel with 20m of cable • Spirit level • Compass controlled direction indicator • Dish elevation indicator.

Panel Dishes

Patriot 3.1m Prime Focus Dish

Available Models:

Patriot 3.1m Prime Focus Dish

SATDISH3.1PATRIOT

The Patriot 3.1 meter antenna is manufactured in the United States and is the symbol of quality in the antenna industry. It features a variety of mounts and a dual sided galvanized reflector which is powder coated for superior protection against the elements. Stainless steel hardware is also available.

The 3.1 meter prime focus reflector consists of 8 draw die formed petals. The contoured petals with matched radial beams and hub assembly ensure easy installation without field alignment. This antenna is competitively priced for the broadcast and cable industry as well as the educational market. Complete turnkey systems are available.



Technical Specifications

RF Specifications	C-Band	Ku-Band
Frequency	3.7-4.2 GHz	10.95-12.75GHz
Rx Gain	40.4 dBi	49.7 dBi
Rx 3 dB beamwidth	1.7	0.6
Cross Polarization	>35 dB	>35 dB
Beamwidth	1.72°	.55°
VSWR	1.3:1	1.3:1
Antenna Noise @ 30°EL	28 K	34 K
Typical G/T (Midband)		
with 50 K LNA	20.9 dB/K	---
with 70 K LNA	---	29.6 dB/K
Feed Interface	CPR229	WR75

Mechanical

Mechanical	Az-El Head
f/D Ratio	.336
Focal Distance	41.0 in
Azimuth Travel	360° Continuous
Site Latitude	0° to 90°
Polarization Travel	±90°

Technical Specifications

Mast Pipe Size Required (not included)	Az-El 5.5" O.D. Navigator 6.625" O.D.
Total Weight	385 lbs
Crate Dimensions	68x48x19 in
Units per 40 ft Container	96 units

Navigator

F/D Ratio	.366
Focal Distance	41.0 in / 104.2 cm
Crate Dimensions	68x48x19 in 72x48x19 in

Environmental Specifications

Wind Load	Operational 60 mph
	Survival 125 mph
Temperature	Operational -40° to 140°F -40° to 60°C
	Survival -60° to 180°F -51° to 82°C
Radial Ice	Survival 1 in or 1/2 in + 60mph
Shock & Vibration	As occurred during on shipment of air, truck or rail.

Prime Focus Panel Dishes

Available Models:

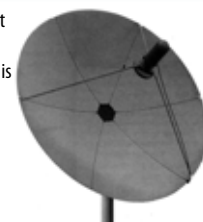
Prime Focus Panel Dishes 1.8m diameter
2.4m Diameter Petal Dish

SATDISH1.8SM-6P
SATDISHSM2.4P

A pressed steel prime focus panel dishes suit the requirements of most domestic installations, being easy to assemble and easy to transport. The 1.8m (6') is available with an Azimuth/Elevation mount. The dish is compatible with both C and Ku bands. Very quick assembly.

Technical Specifications

Dish	Panels	Focal Length
1.8m	6	.55m



S-Star Quad type satellite dish.

Available Models:

3m Dish Fits 89mm pipe

2.3m Dish Fits 76mm pipe

SATDISHST10

SATDISH8PSI



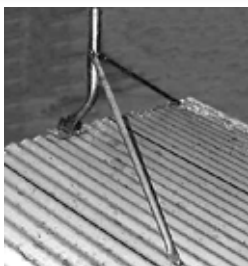
Strength and rigidity • Excellent gain • Easy installation • Wind resistance • Powder coated • Light weight

Roof Mounts

Offset Dish Roof Mounts

Available Models:

42mm pipe SATMOUNTSMO4
 60mm pipe (made to order only) SATMOUNT90TIN



The roof mount comes with a pivoting base and adjustable stay bar arms which mean that it can be used on flat or sloping roofs. Iron and Tile versions are available that are suitable for our 90cm and 120cm offset dishes.

SignalMAX satellite mount small

Available Models:

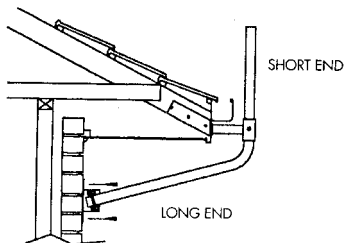
SignalMAX Satellite Mount Small SATMOUNTSM1



Facia Mounts

Available Models:

Facia Mount SATMOUNTFACIA



Ezy Gutter Mount 600mm

Available Models:

Ezy Gutter Mount 600mm SATMTGUTTER600



Tile Roof Gutter Mount

Available Models:

Tile Roof Gutter Mount SATMOUNTSM11



Caravan Mounts

Portable caravan satellite mount

Available Models:

Portable Caravan Satellite Mount SATMOUNTFOLDING



Folding Mount Collapsed

Available Models:

Folding Mount Collapsed SATMOUNTFOLDINGTRIPOD



Actuators & Controllers

Actuators

Available Models:

18" Standard Duty	SATACTHARL3618
24" Standard Duty	SATACTHARL3624
18" Heavy Duty	SATACTQARL3618
24" Heavy Duty	SATACTQARL3624
36" Heavy Duty	SATACTQARL3636



Features:

- 36V DC permanent magnet motor
- Wide range of applications (20kg to 800kg)
- Extremely quiet operation
- Weather and corrosion resistant construction
- 48 pulse reed sensor
- Built-in adjustable limit switch
- The gears, nut and screw are permanently housed

Strong VBOX Satellite Antenna Positioner

Available Models:

Strong VBOX Satellite Antenna Positioner SATPOSDISEQC



Features:

- 99 Satellite Positions
- 4 Digit Position Display
- 36V sA Max. Actuator Drive Power
- DiSeqC 1.2
- Built in Overload Protection Circuit
- 220V 50/60Hz AC Power

Offset Dish Actuator

Available Models:

Offset Dish Actuator SATACTDISEQCH-H



Feedhorns

C-Band 'Superfeed'

Available Models:

C-Band 'Superfeed' SATFHC



This C band feedhorn provides excellent performance at an extremely competitive

Ku Band Feedhorn

Available Models:

Ku Band Feedhorn SATFHKU1061



This Ku band feedhorn with built-in scalar rings is small, light and inexpensive.

Feedhorn Clamps

Available Models:

C/Ku Band Adaptor (60mm Feedhorn)	SATFHMRC65
C/Ku Band Adaptor (25mm Feedhorn)	SATFHMRC+K
C/Ku Band Adaptor (4 arms)	SATFHMRC/K



LNB

Single Polarity 15° C Band LNB

Available Models:

Single Polarity 15° C Band LNB SAT15LNBZIN



Technical Specifications

Input Frequency (GHz)	3.4-4.2
L.O. Frequency (GHz)	5.150
Output Frequency a(MHz)	950-1750
Gain (dB)	67 (Typical)

Ku Band High Stability LNB

Available Models:

Ku Band High Stability LNB SATLNB2000



NORSAT 4706B .6dB Ku Band LNB

Available Models:

NORSAT 4706B .6dB Ku Band LNB SATLNBOR.6DB



Available Models:

Phase Lock Loop LNB supply on request

LNBF

Zinwell 15°K C-Band LNBF

Available Models:

Zinwell 15°K C-Band LNBF SATLNBZIN-15



This next generation C-Band LNBF includes its own feedhorn, representing the ultimate in simplicity and high performance. The polarity switches automatically when the satellite receiver changes the voltage between 14V (vertical) and 18V (horizontal).

Technical Specifications

Input Frequency (GHz)	3.4-4.2
Output Frequency (MHz)	950 ~ 1750 MHz
L.O. Frequency (GHz)	5.150
Gain	65 dB (max.)
Noise	15K

C-Band LNBF with one cable solution

Available Models:

C-Band LNBF with one cable solution SATLNBFYLCDDPA1

This LNBF features the ability to use both polarities simultaneously by using two LO frequencies. Used in situations where more than one receiver is to have access to both horizontal (LO 5.750) and vertical (LO 5.150) polarities.



Technical Specifications

Input Frequency (GHz)	3.4-4.2
Output Frequency (MHz)	950 ~ 2050 MHz
L.O. Frequency (GHz)	5.150/5.750
Gain	65 dB (max.)
Noise	17K

SignalMAX LNBF's

Available Models:

11.3GHz LNBF SATLNBFSM3000
 10.7GHz LNBF SATLNBFSM3700

- High Gain
- Low Noise
- Exceptional Performance
- Offset Feedhorn
- Dual Polarity



Universal Ku Band LNBF

Available Models:

Universal Ku Band LNBF SATLNBKUP/F
 Two output model SATLNBKUDUF/P

Has two independant outputs that are both capable of Horizontal and vertical switching



Universal LNBF O/S

Available Models:

Universal LNBF O/S SATLNBFTIUNIDUAL



This LNBF features the ability to use both polarities simultaneously by using two LO frequencies. Used in situations where more than one receiver is to have access to both horizontal (LO 9.75) and vertical (LO 10.75) polarities.

Technical Specifications

	Low Band	High Band
IF Range(GHz)	10.7 ~ 11.7 GHz	11.7 ~ 12.75
Output Range (MHz)	950 ~ 1950 MHz	1100 ~ 2150
LO Frequency	9.75 GHz	10.6 GHz
Noise Figure	0.6 dB	
LO Freq. Stability	1 MHz (25oC)	3 MHz (-30oC ~ 60oC)
LO Phase Noise	-60 dBc/Hz (1 KHz Offset)	-80 dBc/Hz (10 KHz Offset)

MTI Prime Focus Ku Band LNBF

Available Models:

MTI Prime Focus Ku Band LNBF SATLNBFA8-TWJF

An excellent performer in fringe areas. Proven under extreme conditions.



Technical Specifications

Input Frequency (GHz)	12.25 ~ 12.75 GHz
Output Frequency (MHz)	950 ~ 1450 MHz
L.O. Frequency (GHz)	11.3
Gain	60 dB (max.)
Noise	1.0dB

Universal two output offset LNBF

Available Models:

Universal two output offset LNBF SATLNBFUNIDUAL



10.7 GHz Acer Single & Twin LNBF's

Available Models:

10.7GHz Single LNBF SATLNB6
 10.7GHz Twin LNBF SATLBBFTU



The Zinwell twin Ku band LNBF has two independent outputs that are both capable of H/V switching. Noise rating 0.8dB

Satellite Taps

1-way, 2-way & 4-way Satellite Taps

Available Models:

1 way 10dB	TAP171/10
1 way 15dB	TAP171/15
1 way 20dB	TAP171/20
2 way 10dB	TAP172/10
2 way 15dB	TAP172/15
2 way 20dB	TAP172/20
4 way 10dB	TAP174/10
4 way 15dB	TAP174/15
4 way 20dB	TAP174/20



- Zinc diecast housing, nickel plated
- Frequency range 5 - 2000 MHz
- Low insertion loss
- Gold plated inner conductors
- Power passing (1.5 amps) IN/OUT ports
- Excellent RF tightness and return-loss

Technical Specifications

Description	Freq. (MHz)	Model								
		TAP171/10	TAP171/15	TAP171/20	TAP172/10	TAP172/15	TAP172/20	TAP174/10	TAP174/15	TAP174/20
Insertion Loss (Max. dB) IN - OUT	5 - 76	1.2	1.2	1.2	1.9	1.5	1.2	4.3	2.7	1.5
	76 - 222	1.0	1.0	1.0	1.7	1.3	1.0	4.0	2.3	1.2
	470 - 770	1.2	1.5	2.0	1.5	1.0	1.0	4.5	2.5	1.5
	1035 - 1335	1.5	1.8	1.8	2.8	2.0	1.5	4.5	3.4	2.2
	1360 - 1770	1.8	2.1	2.1	3.0	2.1	1.7	4.5	3.4	2.2
1800 - 2000	2.4	2.5	2.5	3.5	2.5	2.0	5.0	4.0	3.0	
Attenuation (Max. dB) IN - TAP	5 - 76	10.5	15	20	11.5	15	20.5	11.5	15.5	20
	76 - 222	10.5	15	20	11.5	15	20.5	11.5	15.5	20
	470 - 770	10.5	15	20	11.5	15	20.5	11.5	15.5	20
	1035 - 1335	10.5	15	20	11.5	15	20.5	11.5	15.5	20
	1360 - 1770	10.5	15	20	11.5	15	20.5	11.5	15.5	20
1800 - 2000	11.5	16	21	12.5	16	21.5	12.5	16.5	21	
Isolation (Min. dB) OUT - TAP	5 - 76	15	25	30	16	23	35	24	25	28
	76 - 222	25	25	30	25	25	30	25	30	33
	470 - 770	25	25	30	25	25	30	25	26	30
	1035 - 1335	20	23	28	20	23	28	25	25	25
	1360 - 1770	20	23	28	20	23	28	25	25	25
1800 - 2000	20	23	28	20	23	28	25	25	25	
Isolation (Min. dB) TAP - TAP	5 - 76	-	-	-	25	20	15	25	20	20
	76 - 222	-	-	-	25	20	20	25	20	20
	470 - 770	-	-	-	25	20	20	20	20	20
	1035 - 1335	-	-	-	25	17	17	20	17	17
	1360 - 1770	-	-	-	25	17	17	20	17	17
1800 - 2000	-	-	-	25	17	17	20	17	17	
VSWR (Max.) IN	5 - 76	1.5	1.5	1.5	1.6	1.5	1.5	1.8	1.8	1.5
	76 - 222	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5
	470 - 770	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	1035 - 1335	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	1360 - 1770	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1800 - 2000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
VSWR (Max.) OUT	5 - 76	1.5	1.5	1.5	1.6	1.5	1.5	1.8	1.8	1.5
	76 - 222	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5
	470 - 770	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	1035 - 1335	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	1360 - 1770	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1800 - 2000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
VSWR (Max.) TAP	5 - 76	1.6	1.5	1.5	1.9	3.6	2.5	1.9	3.6	3.6
	76 - 222	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8	1.6
	470 - 770	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	1035 - 1335	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	1360 - 1770	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1800 - 2000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	

SignalMAX Satellite Splitters

2-way, 3-way, 4-way Satellite splitters

Available Models:

- 2-way SignalMAX Satellite splitter (Power Pass all legs)
- 3-way SignalMAX Satellite splitter (Power Pass all legs)
- 4-way SignalMAX Satellite splitter (Power Pass all legs)

FOXTEL & AUSTAR APPROVED

SignalMAX

- SPLSS2PPSM
- SPLSS3PPSM
- SPLSS4PPSM

Technical Specifications

Frequency Range (MHz)	Model				
	5 - 40	40-1000	1000-1750	1750-2050	2050-2400
Insertion Loss dB (in out min.)	4.2	4.8	5.5	6.2	6.5
Isolation dB (out out max.)	20	20	20	20	20
Return Loss dB (in & out max.)	10	10	10	10	10



Technical Specifications

Frequency Range (MHz)	Model				
	5 - 40	40-1000	1000-1750	1750-2050	2050-2400
Insertion Loss dB (in out min.)	7.5	8.5	10	11	11.5
Isolation dB (out out max.)	20	20	20	20	20
Return Loss dB (in & out max.)	8.0	10	10	10	10



Technical Specifications

Frequency Range (MHz)	Model				
	5 - 40	40-1000	1000-1750	1750-2050	2050-2400
Insertion Loss dB (in out min.)	8.5	9.0	10	11.5	12
Isolation dB (out out max.)	20	20	20	20	20
Return Loss dB (in & out max.)	8.0	10	10	10	10



Satellite Splitters

Satellite splitters

Available Models:

- CS 6-way Satellite splitter (FOXTEL Approved)
- CS 8-way Satellite splitter (FOXTEL Approved)

SignalMAX

- SPLCS-206
- SPLCS-208

- Zinc diecast housing, nickel-plated
- Frequency range 5 - 2000 MHz
- Power pass all ports
- Double grounding screw
- Extremely high screening efficiency

FOXTEL & AUSTAR APPROVED



Technical Specifications

Description	Frequency (MHz)	Model	
		SPLCS-206	SPLCS-208
Insertion Loss (Max. dB) IN - OUT	5 - 40	15	18
	40 - 1000	12	13
	1000 - 1750	15	16
	1750 - 2050	16.5	18
	2050 - 2400	18.5	20
Isolation (Max. dB) OUT - OUT	5 - 40	25	25
	40 - 1000	20	20
	1000 - 1750	17	17
	1750 - 2050	15	15
	2050 - 2400	10	10
Return Loss (Max. dB) IN	5 - 40	4.5	3.5
	40 - 1000	12	10
	1000 - 1750	12	10
	1750 - 2050	12	10
	2050 - 2400	7	7
Return Loss (Max. dB) OUT	5 - 40	3.5	3
	40 - 1000	10	12
	1000 - 1750	10	10
	1750 - 2050	8	10
	2050 - 2400	7	7

FOXTEL 5-Wire Multiswitches

5-Wire Multiswitches

Available Models:

5 Wire Multiswitch 8 Out
5 Wire Multiswitch 16 Out

SAT5WIREMS08
SAT5WIREMS16



Technical Specifications

	SAT5WIREMS08	SAT5WIREMS16
Inputs	4 x SAT, 1 X TERR	
Frequency Range	SAT: 950 ~ 2050 MHz, TERR: 47 ~ 862 MHz	
Gain	SAT: 0dB ~ 10dB, TERR: -5dB ~ 10dB	
SAT O/P Level	90dBuV @25dB IM notch test	90dBuV @25dB IM notch test
Terr O/P Level	82dBuV @30dB IM	80dBuV @30dB IM
Isolation TERR ~ SAT	>25dB	
Output Isolation	>25dB	
Return Loss	SAT: > 10 dB, TERR: > 10 dB	
Supply Current (Max)	200mA	
Power for Terr	18V / 140mA	
FOXTEL Approval Number.	F30499	F30425

FOXTEL 5-Wire Splitters

5-Wire Splitters

Available Models:

5-Wire 4-Way Splitter
5-Wire 2-Way Splitter

SAT5WIRES P4
SAT5WIRES P2



Technical Specifications

	SAT5WIRES P4	SAT5WIRES P2
Frequency Range	Sat: 950 ~ 2050 MHz Terr: 5 ~ 862 MHz	
Inputs IF	4 Sat + 1 Terr	
Outputs (4-Way Splitter)	4 x (4 Sat + 1 Terr)	2 x (4 Sat + 1 Terr)
Insertion Loss	Sat: <10.0dB Terr: <8.5dB	Sat: <5.0dB Terr: <4.5dB
Trunk Isolation	Sat: <30dB Terr: <35dB	
Mutual Isolation	Sat: <20dB Terr: <18dB	Sat: <20dB Terr: <22dB
Power Pass (max 2A)	Switchable DC pass to tap H outlets	
FOXTEL Approval No.	F30427	F30426

FOXTEL 5-Wire Taps

5-Wire Cascading Taps

Available Models:

5 Wire Tap 10dB
5 Wire Tap 15dB
5 Wire Tap 20dB

SAT5WIRETAP10
SAT5WIRETAP15
SAT5WIRETAP20



Technical Specifications

	SAT5WIRE-TAP10	SAT5WIRE-TAP15	SAT5WIRE-TAP20
Inputs/Outputs	4 x SAT, 1 X TERR		
Frequency Range	Sat: 950 ~ 2150 MHz, Terr: 5 ~ 862 MHz		
Tap Loss	Sat: 7.5 ~ 12dB Fixed Slope Terr: 10dB +/- 2dB	Sat: 12.5 ~ 17.5dB Fixed Slope Terr: 15dB +/- 2dB	Sat: 22 ~ 19dB Fixed Slope Terr: 20dB +/- 2dB
Trunk Loss	Sat: 2dB Terr: 1.2dB	Sat: 1dB Terr: 1dB	Sat: 1dB Terr: 0.5 ~ 1dB
Directivity	Sat: >10dB Terr: >21dB	Sat: >10dB Terr: >20dB	Sat: >10dB Terr: >32dB
TERR Rejection	-13dB	-18dB	-22dB
Isolation (SAT)	>35dB		
Return Loss	Sat: > -10dB Terr: > -17dB	Sat: > -10dB Terr: > -18dB	Sat: > -10dB Terr: > -20dB
DC pass on Sat paths	2A Max		
DC pass on H paths	0.5A Max		
FOXTEL App No.	F30524	F30425	F30427

FOXTEL 5-Wire Amplifier

5-Wire 20dB Amplifier

Available Models:

4-Wire 20dB Amplifier

SAT5WIREAMP



Technical Specifications

Inputs/Outputs	4 x SAT, 1 X TERR
Frequency Range	Sat: 950 ~ 2150 MHz Terr: 5 ~ 862 MHz
Frequency Range	950-2050MHz
Gain	Sat: 22dB +/- 2dB Terr: 10dB
Isolation	Sat - Sat: >45dB Sat - Terr: >34dB
I/O Return Loss	>10dB
Variable Attenuation	0 ~ 18dB 0 ~ 20dB
Output Level	105dBuV @ -25dB IM Level 101dBuV @ -30dB IM Level
Power	18VDC
Max Total Feed Through	2A Switchable
FOXTEL Approval No.	F30538

Satellite Switches

Switches are used to distribute two polarities from one satellite, or two different satellite feeds, to two or more receivers through a single coaxial cable. Control is by the 13/17V LNB switching voltage.

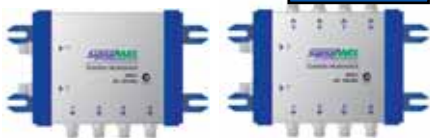
2in-4out SignalMAX Satellite Multiswitch

Available Models:

- 2 input - 4 output satellite multiswitch
- 2 input - 8 output satellite multiswitch

SignalMAX
SATSWIAMS2-4
SATSWIAMS2-8

FOXTEL & AJSTAR
APPROVED



Technical Specifications

	AMS2-4	AMS2-4
Inputs IF (SAT)	2 (F)	2 (F)
Outputs (IRD's)	4 (F)	8 (F)
Frequency Range	950-2050MHz	950-2050MHz
950MHz/Thru Loss/ Amplification @ 950MHz	0 dB ± 2 dB	0 dB ± 2 dB
2050MHz / Thru Loss/ Amplification @ 2050 Mhz	+5 dB ± 2 dB	+5 dB ± 2 dB
Max. Output level IF - IMA2	105 dBmV	105 dBmV
Max. Output level IF - IMA3	98 dBmV	98 dBmV
Return-Loss Inputs/Output	> 10 dB	> 10 dB
Isolation between H/V	> 25 dB	> 25 dB
Isolation between Outputs	> 25 dB	> 25 dB
Selection LNB/ Polarity	14.5-16.0 V	14.5-16.0 V

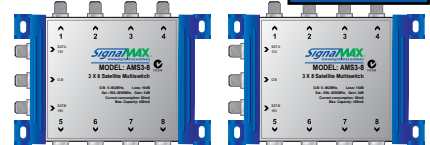
3in-4out SignalMAX Satellite Multiswitch

Available Models:

- 3 input - 4 output satellite multiswitch
- 3 input - 8 output satellite multiswitch

SignalMAX
SATSWIAMS3-4
SATSWIAMS3-8

FOXTEL & AJSTAR
APPROVED



Technical Specifications

Reference	AMS3-4	AMS3-8
Frequency Range	950-2050MHz	950-2050MHz
Inputs	2 SAT & 1 TER	2 SAT & 1 TER
Outputs to Receivers (IRD's)	4 (F-type)	8 (F-type)
Tap Gain	3dB	3dB
Isolation Horiz./Vert.		>25dB
Isolation Sat Port to Port		>26dB
Control Horizontal		16-19 V
Control Vertical		11.5-14 V
Current Capacity Min.		400mA
Supply Voltage		Via STU
Return Loss Input		>10dB
Return Loss Output		>10dB
Minimum Output level IMA3		92dB
Noise Figure Sat		<6dB
Terrestrial TV Frequency Range		40-862MHz
Rejection TER/SAT		>24dB
Rejection SAT/TER		>40dB
TER Isolation Port to Port		>25db
Terrestrial TV Insertion Loss	10dB	16dB

Switch

Available Models:

Switch

SATSWISAM41317



Two Inputs ,One Vert & One Horiz With 4 receiver Output

22KHz Pulse Control Switch & DiSeQC 2X1 Switch

Available Models:

22KHz Pulse Control Switch & DiSeQC 2X1 Switch SATSWISAB13



- Two switchable LNB's Input
- C & K Inputs
- One Output with DiSeQC switch

4 LNB Input - 1 Output Switch

Available Models:

4 LNB Input - 1 Output Switch

SATSWIDSAM-4101



- Four switchable LNB's Input
- C & K Inputs
- One Output with DiSeQC switch

2 LNB Input - 1 Output Switch

Available Models:

Zinwell 2 LNB Input - 1 Output Switch
2 LNB Input - 1 Output Switch

SATSWIDSAM-2101
SATSWICDS2



- Two switchable LNB's Input
- C & K Inputs
- One Output with DiSeQC switch

Signal Converters

Line Amplifiers 900 - 2400 MHz 20 dB Gain

Available Models:

Line Amplifiers 900 - 2400 MHz 20 dB Gain

SATSA920LA



Line amplifiers are used to compensate for high loss between the antenna and the receiver, either due to long cable runs or the use of passive (non-amplifying) splitters. The line amplifier's power is carried via the coaxial cable.

Satellite Finder

Available Models:

Satellite Finder

FSMSF-95



Technical Specifications

Frequency Range	950 - 1750 MHz
Gain	11dB +/- 3dB
Sensitivity	7
Power Supply	DC 13 - 18 V
Operating Range:	LNB Gain = 52 - 60dB

NTSC to PAL Digital Converter

Available Models:

NTSC to PAL Digital Converter

SATCONVERTD



This module converts directly between the NTSC system (USA, Japan) and the PAL system (Australia, Europe). The Multisystem converter is state of the art due to the new digital format, to be used for future television systems. Converts NTSC, PAL, SECAM TO NTSC or PAL.

Satellite Tools

Ultra accurate elevation finders.

Available Models:

Ultra accurate elevation finders.

SATANGLEFINDER2



This pendulum type protractor measures the angle of azimuth to single degree graduations. Using an angle finder to lock the elevation angle first, and then rotating the dish on the mount makes finding satellites easy. Invaluable in site checks, leveling and aiming of dishes.

Compass.

Available Models:

Compass.

SATCOMPASS

