



HEATsat Stops Snow Outages

Back-side electric heater keeps snow & ice from forming on the dish, by heating the reflector when snow and ice conditions are present
HEATsat starts @ \$4K Page 2



Perfect Dish Aiming

Know that you're peaked on the right satellite & maximize dish performance.
starting @ \$719 see page 7



HD grade LNB's for C & Ku

New improved "1dB compress" specs help for HD sat reception
CLNB20-PL05L \$319 Page 8



Parts to fix old Sat Dish

Call for help choosing replacement parts such as feedhorns, motors & controllers



\$439 actuator
ACT3600-REED
see page 4



DAWNco

3340 S Lapeer Rd, Orion, MI 48359 • P 248-391-9200 • F 248-391-9207

Satellite Products

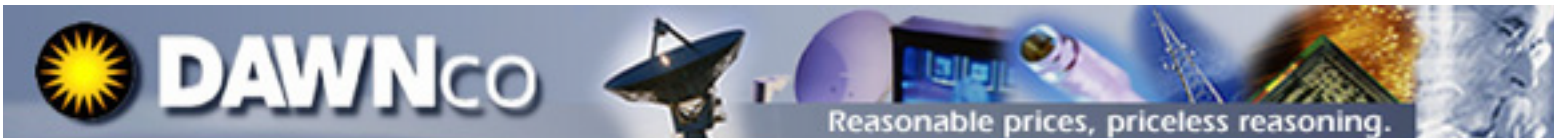
Satellite "Dish" Antennas Heaters & Covers

"Reasonable prices, priceless reasoning"

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DAWNco

Visit DAWNco booth #SU6813 • NAB show • Las Vegas, April 11-14, 2011

Satellite



"Call your DAWNco Technical Sales representative, for competitive prices and help choosing the best product for your needs"



BIG Performance with Small Dish

1.5 meter sat antenna with integrated non-penetrating mount
D15-W-NPRM @ \$349

see page 2

ask for DAWNco BROADBAND Products Catalog

See multi-channel delivery equipment, such as: encoders, decoders, antennas & modulators.



ask for DAWNco FIBER OPTIC Products Catalog

See TX & RX units to pass a/v, cableTV, satellite and data.



3.7 meter HIGH GAIN satellite dish

Simple 1-axis polar mount to scan entire arc of satellites. 1-piece spun aluminum reflector for best surface accuracy & high gain. Fits on 5.5"OD pipe. Purchase separately the controller, actuator, feedhorn, LNBs, and cement pad.
stationary #D37F \$2278 motorized #D37P \$2379

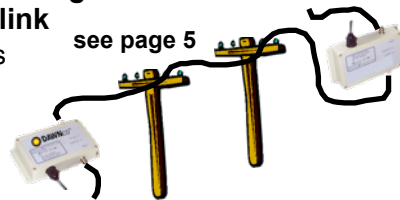


see page 2

SATELLITE FIBERLINK for long distance cable run starting @ \$1K per TX/RX link

Don't put up with signal outages caused by long coaxial cable runs. Install a satellite fiberlink to eliminate loss problems, plus provide lightning protection.

see page 5



Receiver / Decoder for MPEG4-MPEG2-420 and DVB S2

This unit is loaded with all of the features you need for HiDef, and your company's budget bosses will appreciate the price. backward compatibility for SD. The PV7 has SAT L band input. Output a/v, ASI, SDI, HDSDI



PV7MP24S2-SH420-Sat SD & HD Sat Receiver
\$3199
see page 7

..and Reception Improving Products

HD Grade LNBs • TI Filters

See policies at DAWNco web site. Prices & product details subject to change at any time, without notice.

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sat 1 www.DAWNco.com
Pictures & Spec's

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248-391-9200





DAWNco



Reasonable prices, priceless reasoning.

ALUMINUM 1-piece Satellite Antennas Easy Install • Economical

GOOD 1-axis MOTORIZED using 1 actuator

Simple 1-axis polar mount to scan entire arc of satellites. 1pc spun aluminum reflector for best surface accuracy & high gain. Fits on 5.5" OD pipe. PuchSep: controller, 1-ActArm, feed, LNBS, pad.

3.7 meter #D37P \$2379 most popular size, Gain: 42.3dB @ 4Ghz, 51.5dB @ 12Ghz.

4.2 meter #D42P \$4191 highest gain pipe-mounted dish, Gain: 43.5dB @ 4Ghz, 53.0dB @ 12Ghz.



Option: 4pc easy-ship reflector

BETTER 2-axis MOTORIZED using 2 actuators

Perfect peaking with actuator arm based dual axis drive. Commercial grade sat antenna, 1pc reflector for easy install. Fits on 5.5" OD pipe. PuchSep: controller, 1-ActArm, feed, LNBS, pad.

3.7 meter #D37P-MD \$3369 most popular size, Gain: 42.3dB @ 4Ghz, 51.5dB @ 12Ghz.

4.2 meter #D42P-MD \$5198 highest gain pipe-mounted dish, Gain: 43.5dB @ 4Ghz, 53.0dB @ 12Ghz.



COVERsat

Prevent signal outages from snow

"CoverSat Keeps Snow Off Dish"

Satellite antenna cover, made to exactly fit the customers specified dish type, custom fit to antenna dimensions specified by customer. Reduce signal outages due to "winter" weather. When wrapped over the front face of a dish, the cover creates a steep slippery surface to prevent accumulation of ice & snow. Attenuation=less than .3 dB



\$179 For Small Dish
Cover 1.2m size #CS1.2x1.4

\$499 Cover
for 3.7 meter dish

\$799 Cover
for 4.5 meter dish

Totally stop ice & snow buildup with HEATsat

Prevent signal outages with Electric HEATING system for satellite antenna, customer installed on FULL back side of dish. Kit includes: specialized heat tape sized to form a grid on the dish backside, sensors for precipitation and temp, electric power junction box, wiring harness, and installation instructions. Customer must provide proper power.



\$3999 For 3.0m Dish
#HEATsat-3.0full

\$4999 For 3.7m Dish
#HEATsat-3.7full

\$6499 For 4.5m Dish
#HEATsat-4.5full

1.8m Ku Band Network Dish

Economical design is perfect for multi-site network. Stationary satellite antenna, with built-in non-penetrating roof mount. Strong 1-piece reflector. Purchase separately the feed & LNBS.



#P18FOS 1.8m Offset CALL
+NPRM Ku gain 45.5dB @ 12Ghz.

#D18-W- 1.8m PrimeFocus \$466
NPRM Ku Gain 45dB @ 12Ghz.

Heavy-Duty 5.0 meter stationary • 1pc dish

- Easy install 1-piece spun-aluminum reflector always installs perfectly, and always produces high gain (unlike competing multi-panel dishes that don't always get installed properly).
- Massive 16" diameter steel king post for good reception in high winds
- C band gain is 44.5dB, Ku band gain is 54.2dB
- Option for factory install



PuchSep: Feed, LNBS & Cement pad

\$6399
D50FAE

BEST dual-axis MOTORIZED horizon-to-horizon

Heavy-duty motorized system with massive steel "D-drive," mounts on a single 5.5" OD pipe. 2-axis horizon-to-horizon mount for perfect peaking on entire arc of sats, plus low sats on east & west.

3.7 meter #D37MHHP-MD \$5899 most popular size, Gain: 42.3dB @ 4Ghz, 51.5dB @ 12Ghz.

4.2 meter #D42MHHP-MD \$7319 highest gain pipe-mounted dish, Gain: 43.5dB @ 4Ghz, 53.0dB @ 12Ghz.



ULTIMATE dual-axis MOTORIZED "Gibraltar"

Highest gain dish with massive "Gibraltar" 2-axis az/el motorized mount, utilizing jumbo "crane-like" pivot point. Precise movement to any sat, with perfect peaking. PuchSep: controller, feed, LNBS, pad.

4.5 meter #D45MAE \$9533 most popular size, Gain: 43.9dB @ 4Ghz, 53.3dB @ 12Ghz.

5.0 meter #D50MAE \$10,198 highest gain dish, Gain: 44.5dB @ 4Ghz, 54.2dB @ 12Ghz.



3.7m stationary

Good commercial grade sat antenna in most popular size. 1-piece for easy install. Mount onto 5.5" OD pipe.

\$2278
fixed #DH37FAE



3.0m fixed or motorized PLB

Gain: 40.6dB @ 4Ghz, 49.9dB @ 12Ghz. Use included PLB lock-bar for fixed, act-arm for motorized.

DH30PLB-48 \$1008



2.7m fixed or motorized PLB

Gain: 39.6dB @ 4Ghz, 49.2dB @ 12Ghz. Use included PLB lock-bar for fixed, act-arm for motorized.

DH27PLB \$584



2.4m fixed or motorized PLB

Gain: 38.6dB @ 4Ghz, 48.2dB @ 12Ghz. Use included PLB lock-bar for fixed, act-arm for motorized.

DH24PLB \$524



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VISA

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Pictures & Spec's

SPECIAL PRICES until July 31,'11 while QTYs last



FIBERGLASS Multi-Panel Satellite Antennas Easy Ship • Roof Mountable

2.4 meter offset C or Ku UPLINK

4-piece SMC fiberglass reflector, az/el mount, TX gain: 42.0 dB @ 6Ghz, 49.2 dB @ 14Ghz. Mount on customer provided 6.62" OD pipe. Reflector accuracy suitable for RX & TX applications. OPTIONS: heater, non-penetrating roof mount

stationary 2.4m C receive/transmit intelsat approved	stationary 2.4m Ku receive/transmit intelsat approved	motorized AZel 2.4m with Tracking controller for inclined orbit sats
\$1899	\$2166	\$10,999
#P24FOSrt-C-IA*	#P24FOSrt-K-IA*	#P24MAEOrt & CONTROLLER



3.8 meter offset UPLINK & downlink

4 piece SMC fiberglass reflector, az/el mount, TX gain: 46.5 dB @ 6Ghz, 53.0 dB @ 14Ghz. Includes kingpost to mount on cement pad. Reflector accuracy good for RX & TX applications. OPTIONS: C band version, heater, non-penetrating roof mount

stationary 3.8m receive/transmit	stationary 3.8m w-HEAT receive/transmit	motorized AZel 3.8m w-Tracking controller for inclined orbit sats
\$11,333	\$17,999	\$36K
#P38FOSrt*	#P38FOSrt-HEATED*	#P38MAEOrt w-Controller & interface



FAST SHIP 1.0 meter dish

FedEx shippable, 1 piece SMC fiberglass reflector, az/el mount, choose 1 or 2 port Ku offset feedhorn. Ku band gain = 40.5 dBi. Mount onto 1.9" OD pipe. Purchase separately: LNBS, pipe mount.

stationary 1.0m pipe mounted hold LNBF CALL	stationary 1.0m w-NPRM 2 port Ku CALL
#P10FOS-LNBF	#P10FOS-NPRM-2K



3.0m Aluminum 1-axis Motorized

1-piece aluminum dish, motorized polar mount, HD 36 inch actuator & motor, RC1500 position controller, 2 port C/ku motorized feedhorn, good C & Ku LNBS, RG11 signal cable, motor wire, and power supply for LNBS.

SATPACK-D30P \$4K

3.7m Aluminum 1-axis Motorized

1-piece aluminum dish, motorized polar mount, HD 36 inch actuator & motor, RC1500 position controller, 2 port C/ku motorized feedhorn, better C & Ku LNBS, RG11 signal cable, motor wire, and power supply for LNBS.

SATPACK-D37P \$5K

5.0m Aluminum 2-axis Motorized

Heavy-duty aluminum dish, motorized AZ/EL "Gibraltar" mount, RC2000 position controller, 2 port C/ku motorized feed, best C & Ku LNBS, RG11 signal cable, motor wire & splitter/power supply for LNBS.

SATPACK-D50MAE \$14K

Motorized Satellite DISH PACKAGES

(includes all items except: pad, freight, installation)



Motorized Sat Antenna

Feedhorn & LNB



Controller



FIBERGLASS Small Ku Band SAT Antennas Stationary • Low Wind Load

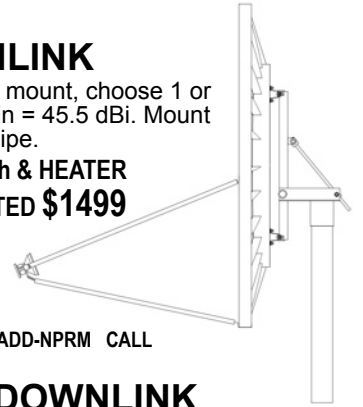
1.8 meter Offset DOWNLINK

1 piece SMC fiberglass reflector, az/el mount, choose 1 or 2 port Ku offset feedhorn. Ku band gain = 45.5 dBi. Mount onto customer provided 4.0 inch OD pipe.

stationary 1.8 Dish \$499 **stationary 1.8 Dish & HEATER #P18FOS-HEATED \$1499**

CHOOSE ONE Ku 2-port feed & struts #P18FOS-ADD-2KI CALL
Ku 1-port feed & struts #P18FOS-ADD-1KI CALL

OPTION: Non-penetrating roof mount #P18FOS-ADD-NPRM CALL



2.4 meter prime focus DOWNLINK

3 piece SMC fiberglass reflector, az/el mount, choose 1 or 2 port Ku feedhorn. Gain: 37.5 dB @ 4Ghz, 47.0dB @ 12Ghz. Mount onto customer provided 5.5 inch OD pipe. Option: C band feedhorn.

stationary 2.4 Dish #P24F \$799 **stationary 2.4 Dish & HEATER #P24F-HEATED CALL**

CHOOSE ONE Ku 2-port feed & struts #P24F-ADD-2KI \$200
Ku 1-port feed & struts #P24F-ADD-1KI \$200

OPTION: Non-penetrating roof mount #P24F-ADD-NPRM CALL



3.7 meter fixed or motorized

Perfect dish for rooftop or island location, where 8 petal design offers easy transport to site. Mount on 6.625" OD pipe extending 6ft above surface, holds Chap or SEA feedhorn. C band gain = 40.9 dBi / Ku band gain = 50.7 dBi. Feedhorn, LNB and pipe sold separately.

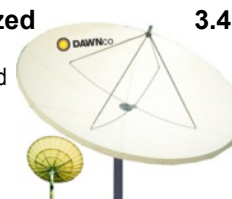
stationary 3.7 Dish \$1899 **motorized 3.7 Dish #P37F Super Value #P37P \$1999**



3.0m fixed or motorized

Mount on 6.625" OD pipe. C band gain = 40.0 dBi / Ku band gain = 49.0 dBi. Feedhorn, LNB and pipe sold separately.

stationary 3.0, #P30F \$1299
motorized 3.0, #P30P \$1599



3.4m fixed or motorized

has feed support to hold Chap or SEA feedhorn. C band gain = 40.2 dBi / Ku band gain = 49.8 dBi.

stationary 3.4, #P34F \$1699
motorized 3.4, #P34P \$1799

4.5m AZ/EL stationary

High gain dish in 24 panel design for easy transport to site. Holds Chap or SEA feedhorn. C band gain = 42.9 dBi / Ku band gain = 52.6 dBi.

#P45F CALL



"Ask us about discounts for ordering LARGE QUANTITIES of any item"

and Complete Sat Antenna Packages Dish, Feed, LNBS, Controller



DAWNco



Reasonable prices, priceless reasoning.

Feedhorn Retrofit & Fiberlink

C & ku band feedhorn parts

STATIONARY 4-port C/Ku Feedhorn
Fixed 4-port C&Ku band feed for reception of all channels on a C/Ku band satellite.

4port **GOOD** \$349
FEED-4CK-ECON

4port **BEST** \$1198
FEED-4CK-HQ



MOTORIZED 4port C/Ku Feedhorn
For reception of all channels on any C/Ku band satellite. Motor rotates entire feed, w-POT sensor.

\$2399
FEED-4CK-MOTHQ-POT



STATIONARY 2-port C band Feed

Fixed 2-port C band feed for reception of all channels on a C band satellite.

2port **GOOD** \$79
FEED-2C

2port **BEST** \$499
FEED-2C-HQ



MOTORIZED 2port C/Ku Feed

Reception of 1 polarization C band and 1 polarization Ku band. Pulse motor adjusts C&K polarization.

\$139
FEED-2CK-MOT



Stationary Ku offset feed

Feedhorn for stationary offset Ku band satellite antenna. Customer verify attachment

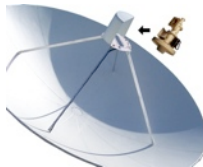
1-port Ku \$89
FEED-1KOF

2-port Ku \$119
FEED-2KOF



Put NEW feed on OLD dish

RETROFIT-KIT will replace the existing feedhorn and struts, to support a new C or Ku band feedhorn at the focal point of the dish.



\$995
KIT4-8MBF-CLAMP

C band 90° elbow for C band feed. Flanges are smooth-to-groove.

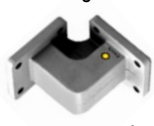


90C-E \$175
"E" easy bend



90C-H \$268
"H" hard bend

Ku band 90° elbow for Ku band feed. Flanges are smooth-to-groove.



90KU-E \$49
"E" easy bend



90KU-H \$288
"H" hard bend

Replacement HQ feed motor

Replacement kit for high quality motorized feedhorns. Unit includes: Motor and gear.

#HQmotor-Gear \$499



C Band LNA "old style"

LNA mounts at feehorn, amplifies 3.7-4.2 Ghz sat signal, output on N connector (no block down conversion)



CALL
CLNA35

Fiberlink for SMALL dish Perfect signals over long distances Secure Path for Military & FEMA

High Gain 1.0 meter offset dish
With offset feed strut to hold LNBF. 1-piece fiberglass reflector.
#P10FOS-LNBF \$249

DirecTV LNBF with two F ports
Integrated feed & LNB, place at front of dish to amplify DirecTV signals
#KLNBF1.0-G3K \$39

2-Polarization STACKER
Places even polarity channels above odd, on 1 RF 950-2150 Mhz out
#MS-STACKER-US575T \$199

Satellite L band FIBERLINK
Convert RF channels from LNBF, into fiber optic signal, for long distance cable
Transmitter #FSS-95F12T \$799
Receiver #FSS-95F12R \$589

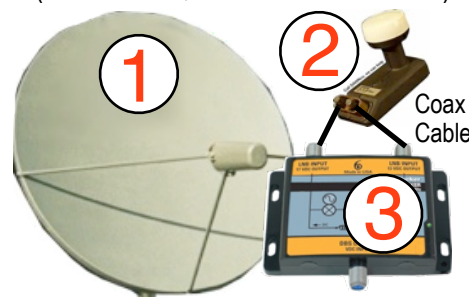
2-Polarization UN-STACKER
One RF input, unstacks odd & even channel bands, to 2 RF outputs
#MS-UNSTACKER-D575D \$219

Multiswitch routes signals to Recrs
Box that collects signals from dish, and routes into sat receivers for up to 6 feeds
#MS68AMP CALL

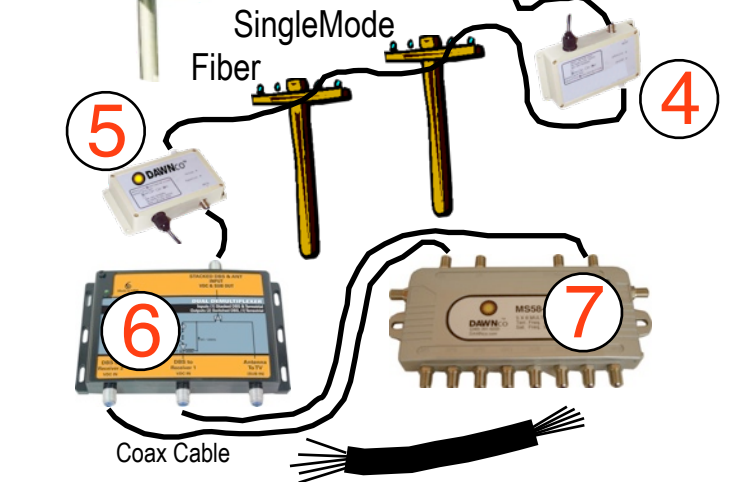
DirecTV 5-feed offset dish
Elliptical dish with multi-port LNBF, for reception of all SD & HD DirecTV channels
#DTV.8FOS-plusSL5 CALL

LNBF Locker for 5 polarizations
Box provides appropriate DC current to each LNBF F connector, 13/18 vdc & tone

System for DirecTV 2-feed service (101 satellite, odd & even channels)



System for DirecTV 5-feed service



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Satellite Products

Reasonable prices, priceless reasoning.



Signal path from Satellite LNB Low Loss Cable • Amps Satellite Fiberlinks

5C Cable for motorized dish

Five (5) conductor cable used to connect outdoor satellite dish to indoor controller, provides these separate cables under one black PVC jacket: 2 conductor/16gu, PLUS 3 conductor/18gu, with foil shield & drain, and overall black UV resistant PVC jacket. 500ft reel



99¢ per foot
5C1618S

15C Cable for motorized dish

Fifteen (15) conductor cable for 2-motor satellite antenna, to link outdoor satellite antenna motors & sensors with indoor controller. Consisting of 15 conductors with 4 individually jacketed groups cabled together and jacketed overall. 500ft reel. Call for details.



15C14-22 \$2.45 per foot

In-Line Amplifier for LNB signal

Amplifier for +20dB gain on LNB cable run, pass 950-2150 Mhz signals, preset slope, 4dB noise

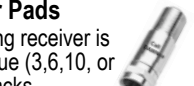
\$20
LA2150



L Band Attenuator Pads

Use when signal hitting receiver is too high. Choose value (3,6,10, or 16 dB). Order in 10-packs

power pass \$7ea
DAT*-P



power block \$7ea
DAT*-NP

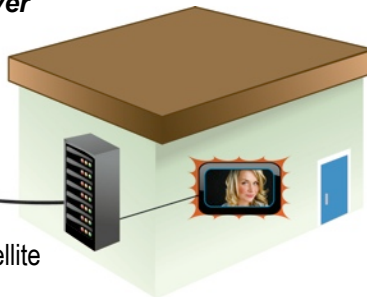
Satellite Fiberlink

"Use fiber when Dish-to-Receiver Distance is over 300ft"

Starting at \$1788 per LNB



"no need for heated shack near dish"



with outdoor rated TRANSMITTER

- Stop lightning damage.
- Good for dish-to-receiver distances OVER 300ft, so you can place Satellite Antennas anywhere you want.
- High signal levels reach control room, to feed many Sat Receivers
- Increase EbNo readings on "finicky" digital sat receivers
- Outdoor rated TX can be placed in box on back of dish, for use in hot or cold climates (operation from -40 to +158 degrees F)
- Optional items: fiber cable, enclosures, power supply, chassis & patchcords.

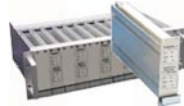


Outdoor rated TRANSMITTER for Sat Fiberlink, mount temp-stable TX on dish \$1199 #FSS-95F5T

FIBER CABLE, 800ft easy-pull to dish, factory connectorized with protective Pulling Eye (option for longer) per dish \$900 #SM6FI-800FT



Wall mount RECEIVER locate RX inside at far end of fiber run, in air conditioned location \$589 #FSS-95F12R



Rack mount RECEIVER locate RX inside rack-mounted chassis CALL #FSS-95F5R (chassis PurchSep)



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sat 5

Pictures & Spec's

"Eliminate Cable loss Problems" LOW-LOSS Satellite SIGNAL CABLE



RG11 for up to 300ft, 60% braid prevents interference, 0.4 inch OD for easy installation

RG11F-SAT 71¢ ft

Use low-loss coax cable made specifically for SATELLITE "L" BAND frequencies, sweep tested to 3 Ghz, flooded for direct burial. New "DAWNflex.6QF" can cut signal path loss in half, compared to other common coax cable types. Available in 500ft or 1000ft reels. See loss comparisons for satellite signals on coax cable for 100ft at 1450 Mhz: DAWNflex.6QF = 3.12 dB, RG11 = 5.39 dB, RG6 = 7.49 dB.

RG11 Crimp tool

This is the proper tool for good RG11 connections. Crimp tool with 2 hex sizes: .475 & .324 & pin

CT611 \$79



Cable stripper tool for RG11 & RG6

UDT59611-Deluxe \$79



New!

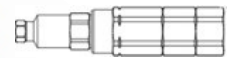
DAWNflex for distances up to 500ft Quad-shielded to prevent interference ingress, and integrated lightning protection with proper connector

DAWNflex.6QF @ \$1.29 foot

F connector for RG11F-sat



\$3.50 each
GF11AHS460



F connector for DAWNflex.6QF

"F" type connectors with integrated lightning protection ground lugs

DF.6QF-compress-F \$32 each

Cable stripper tool for DAWNflex.6QF #DF.6QF-stripper \$89

UPLINK: Ku Band BUC

Dish mounted transmitter that up-converts block of signals & amplifies for uplink to satellite. IN: 950-1450 MHz on 'F' connector, OUT: 14.0-14.5 GHz to WR75 flange that attaches to separate feedhorn.

4 Watt Ku \$999
TXKU4.0F

8 Watt Ku CALL
TXKU8.0F

CALL for the BEST PRICE on the power level you need



UPLINK: C Band BUC

Upconverter at dish converts block of signals & amplifies for uplink to satellite. IN: 950-1525 MHz 'N' connector 50 Ohm, OUT: 5.850-6.425 Ghz to CRP 137G flange that attaches to separate feedhorn.

5 Watt C CALL
TXC5.0N

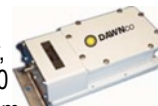
10 Watt C CALL
TXC10N

CALL for the BEST PRICE on the power level you need



Block Downconverter C to L

3.7-4.2 GHz input on 50 Ohm 'N' connector, converted to 950-1450 MHz output on 75 Ohm 'F' connector. High stability ±10 KHz stability



CALL
BD37N-95F-PL10

Block Downconverter Ku to L

converts 11.70-12.75 Ghz to 950-2000 MHz, input on 50 Ohm 'SMA' connector, output on 75 Ohm 'F' connector, LO stability +/- 12 KHz



CALL
BD37N-95F-PL10

Block Converters

Tell us what you need, and we will find it

SPECIAL PRICES until July 31,'11 while QTYs last



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Reasonable prices, priceless reasoning.

Controllers & Signal Splitters Actuators • Mounts Power Supplies

Controller for DUAL axis motorized dish

Rack mounted unit provides simple and reliable interface, for



controlling motorized sat antenna that has 2-motor drive system. Controls feedhorn polarization adjustment. 50 sat positions. Option: PC control software & 24vdc feed drive & wire to motors. PC Remote Software \$699

\$2649
CONTROL-2000A

Controller for SINGLE axis motorized dish

Most popular rack-mounted controller, for controlling motorized sat dish



that has 1-motor drive system. Also controls feedhorn polarization. 50 preset positions. Option: PC control software and 24vdc feed drive.

\$1418
CONTROL-1500A

36 inch ACTUATOR & motor

Super strong & reliable. The best "Thomson Saginaw" brand of heavy-duty actuator arm, with 36vdc motor



\$439
ACT3600-REED

24 inch ACTUATOR & motor

Get the best "Thomson Saginaw" actuator, for this most important moving part on your sat dish



CALL
ACT2400-REED

BaseStand holds dish on pad

An "X" shaped steel base supports 5.5 inch OD top pipe, which holds dish on cement pad



\$520
DBASESTAND

Non-Penetrating ROOF mount

Holds 3.8m sat dish on roof. 4 trays & 5.5"OD top pipe. Call for unit to hold your dish.



CALL
NPRM-PXL2

OPTION: Parking lot mount to avoid zoning delays

PC CONTROL of satellite dishes that utilize RC2000 controller



remote dish control **\$699**
RCISOFT-REMOTE

Satellite receiver control **CALL**

Software allows a remote user access to all control modes on a satellite dish controller (RC2000 type only). A remote user can send front panel keystrokes to the controller and view the controller's 2x40 Liquid Crystal Display. One copy of the software can work with multiple RC2000's. A text file specifies the controller's address.

"DivinSup" AMPLIFIED SPLITTER 1 LNB can feed up to 16 Receivers • Zero thru loss

Two 1x5 amplified **\$239**
splitters, DIVINSUP-2-1x5A

One 1x16 amplified **\$339**
splitters, DIVINSUP-1x16AE



Boost signal level coming from dish-mounted LNBs. Unit holds amplified signal splitters, so each LNB can feed many sat receivers. Each unit includes one 1000ma power supply, to power two LNBs with 18vdc.



Passive Splitters for Satellite Feed

8-way \$36
DED778A



4-way \$25
DED774A



6x8 Input Selector for SAT receivers

MultiSwitch functions as a 6x8 Matrix when used with sat receivers that can back-feed 13 or 18 DC through RF-input port, selecting proper A or B sat feed input (no 22 KHz tone needed). PurchSep: #DCP7A for continuous 18 vdc power to LNBs. **MS68-AMP \$149**



Power Supply for LNBs

Insert module provides power to two LNBs, with external 1000ma wall-mount power supply. Select-switch for 18vdc for two LNBs, or 18/13vdc for LNBF



Power 2 LNBs w/1amp PowSup #DCP7A-1000 **\$79**

New! more power

Power Supply for LNBs

Power 28+ LNBs with redundant 10 Amp power supplies in rack mount. Output 18Vdc@10A via 16 pair of fused (0.7A time-delay) output connections.



Redundant 10amp PowSup #QRPS18x24-10B **\$2450**

Voltage Block for LNB signal run

Voltage blocking coupler blocks DC current in coaxial cable, passes 5 to 2150 MHz with .3 dB insertion loss, F male to F female



(buy in 5 packs)
PVBC **\$6 ea**

Patch Panel for SAT feeds

route L-band (950-1450Mhz) signals from antenna mounted LNBs to receivers. Rack mount unit has INPUT row of 24 patch ports, above OUTPUT row of 24 patch ports. Simple plug-in patch cords are used to route signals from input to desired output. Specify "Normal" or "Straight" configuration when ordering. "Patchcord" SFPP2424-2ftCord **\$18**



SFPP2424 **\$850**

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Testing & Monitoring Spectrum Analyzer Constellation Viewer

New!

PV7MP24S2-SH420-Sat SD & HD Sat Receiver \$3199

IP input model #PV7MP24-SH420-IP @ \$3549



HD & SD Receiver / Decoder for MPEG4-420 & MPEG2-420

This unit is loaded with all of the features you need for HiDef, and your company's budget bosses will appreciate the price. The PV7 is a receiver and decoder for both SATELLITE L band input (with available configuration for IP input). Receive HiDef, plus backward compatibility to standard-def. Demodulate and decode MPEG4-420 and MPEG2-420, with compatibility for DVB-S2/S. Outputs are baseband A/V and ASI, plus SDI connector which will support HD or SD mode. The unit has the ability to cross convert utilizing a built-in format converter, and analog output is available together simultaneously with SDI output. Your audio needs are covered with embedded 8 channel audio, and Dolby AC3. Unit can be controlled with web browser, and has full SNMP (10/100 ethernet) monitor/control support.

MPEG2 "SD" Satellite Receiver

Use this digital receiver to tune most standard definition MPEG2 422 & 420 sat channels, that are transmitter in the clear. Input sat L band. Output baseband a/v, and SDI with embedded audio. Ethernet remote control on Scopus unit.

SIRD2980 \$2399



DigiCipher Satellite Receiver

DSR4550 supports digital component video (SDI) with 2 channels of embedded audio, ASI input/output and Gig-E output

"Best" DSR4550 CALL "Econ" DSR4410X CALL

Digital Meter for peaking dish

Bar-graph indicates power level for sat. Provides 18vdc power to LNB. Includes case, power cord, & rechargeable battery.

\$169 DG3PLUS



Compass & Inclinometer

Indicate compass heading & elevation in 5 degree steps, adjustable neck band for front-of-face visual sighting of object while reading meter displays.

\$209 SAT-MASTER



Digital SmartLevel

Use to establish level, and set elevation on sat dish. Hands free mode with "beep" indication.

\$149 SMARTLEVEL



Digital SmartLevel & 24" rail

SmartLevel module installed in 24" rail. Display shows: degrees, percent slope, & pitch.

SMARTLEVEL-24RAIL \$199



RACK & CARRY Spectrum Analyzer

Unique rack-mounted spectrum analyzer has internet remote-view for regular performance monitoring from any PC. Push quick-release on rack mount and quickly stuff unit into the included padded carrying case, for temporary portable usage at dish site. Frequency coverage from up to 2150 Mhz in 4 bands. No display screen. Use ethernet port for remote monitoring via internet or other IP connection. Includes LABVIEW software for PC at remote site to view all functions on Spectrum Analyzer. Comparison of satellite carrier levels, with adjustments for band, span, and reference level.

SA2150B1C \$3399
Satellite L band for 950-2150 Mhz

SA2500C \$3899
Cable & OffAir & Sat band for 5-2500 Mhz



Rack Mounted 16x1 INPUT SELECTOR

Place in front of spectrum analyzer. Remote monitor all your RF feeds, all of the time. Remote control software included.



SFS16X1-WithSoftware \$999

Satellite Identifier & dish peaking tool

\$719 BESTbuddy29



Portable and rugged Satellite Signal Level Meter to measure 950 - 2150MHz satellite L band signals. Unit powers the LNB, and provides digital signal measurement for carriers. The unit can identify satellites by name (based on units ability to auto-compare actual measurements, to ID tables which the user will periodically download to the unit). Measures satellite signal levels, -70 to -10 dBm, with carrier-to-noise (C/N), signal quality (IRD Equivalent value), BER (Bit Error Rate). The user can confidently recognize the satellite the antenna is aimed at, with the positive ID feature or use of the automatic scan mode, to identify the unknown satellite.

Survey Horn & LNA combo

Use in front of spectrum analyzer, when troubleshooting source for TI interference.

CALL SURVEYHORN-LNA-combo



Tools for Satellite Compass • Inclinometer Level • Spectrum Analyzer

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Satellite Products

Reasonable prices, priceless reasoning.



Satellite Products

HD Grade LNBs • TI Filters Satellite "Dish" Antennas

C band LNB • Economical ±250 KHz

DRO type LNB, for reception of analog sat channels. Best reception specs for an economical non-PLL type LNB.

15 deg **\$99**
CLNB15-P250



C band LNB BEST - HD Grade

New generation of C band LNB has improved "1dB compression" & "phase noise" specs that make a real difference in the reception of HD sat channels. Boost your digital receiver EbNo readings! Low 250ma power draw.

20° ±25 KHz
\$249

20° ±5 KHz
CALL

CLNB20-PL25L

CLNB20-PL05L



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TI "Interference" Filter Blocks Radar from Airports & Military

C band TI filters installed between feedhorn & LNB. Airport & marine radar frequently wipe out Sat-Dish reception located close to the radar. Sites near military bases & flight paths are also effected. The TI filters suppress strong out-of-band interference from radar. **C-BANDPASS-6LIGHT \$339**



TI Filter for SAT + WiMax protection

Like above, but with additional band-edge attenuation to stop SAT interference from new WiFi data paths. **C-BANDPASS-7WiMax CALL**



Filter passes 11.7 to 12.2 Ghz Ku band frequencies, and rejects all others.

Ku-BANDPASS CALL

Ku Band TI filter



Ku band LNB BEST - HD Grade

New!

The "skinnier housing" isn't the only thing improved on this new TOP-END Ku band LNB.

Improved "1dB compression" and "phase noise" specs can make a real difference in the reception of HD sat channels. Best unit for MPEG4 / 8PSK reception. Upgrading your LNB is a fast & easy way to improve your digital receiver EbNo readings! Low 250ma power draw won't overtax your receiver power supply.



.6 dB
±5 KHz
CALL

KLNB.6-PL05L

.7dB ±15 KHz
\$249

KLNB.7-PL15L

Ku band LNB • Economical ±500 KHz

High Stability DRO type LNB, for reception of analog sat channels. Best reception specs for an economical non-PLL type LNB.

KLNB.7-D500 \$119



Ku LNB • Switch for High-Low bands

For worldwide use with any Ku satellite, has external selector switch to select input. Choose LOW band 10.70-11.70 GHz, or choose HIGH band input 11.70-12.75 GHz. Stability rating +/- 25 KHz.

KLNB.7-PL25-SWITCH2 CALL



DAWNflex boosts signal levels

see page 5

Fix many reception problems by simply replacing the cable! DAWNflex improves signal quality, and can cut signal path loss in half, on signal cable run from dish to building. Flooded for direct burial. Quad-shielded to prevent interference ingress.

#DAWNflex.6QF \$1.29 per FT



Lightning Surge Suppressor

Don't let lightning strikes near dish damage equipment at the other end of cable run.

LNB-ZAP-STOP \$144



Deluxe Stainless LNB bolt set

Used when attaching C band LNB to feedhorn. Stainless steel allen head bolts with narrow profile for limited-space-for-bolts installations. Includes (18) bolts-nuts-washers.

"Stop knuckle busting during LNB installation"



C-HARDWARE-DELUX \$38

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