Channel Master LNBFs

Details: Channel Master LNBF Dual Polarity This Dual Polarity LNBF connects directly to the all Channel Master or Primestar Satellite Dish Antennas. Automatically combines H/V Polarity into (1) one cable.

Details: Channel Master LNBF Single Polarity This single polarity LNBF connects directly to the all Channel Master or Primestar Satellite Dish Antennas. The polarity is separated into H/V outputs. Requires H/V switch

to combine both polarities into one (1) receiver, if needed. (refurbished)
You can also combine the 2 polarites into to 1 cable with the optional V/H switch.

Details: V / H Combiner SVHAAB
AB Automatic V / H Combiner Switch. Combines 2 polarities. Voltage Controlled 47 - 2300 MHZ

Std LNBF: WorldTV Standard LNBF (L.O. 10750). This LNBF will work with WorldTV and all FTA receivers.

Channel Master Part #	Description of Feed Horn
611-6060-10	**Linear (FTA 4DTV Analog) 1 LNB 1 Polarity Fixed Feed Horn 11.7-12.2 GHz WR75 Flange**
611-6062-10	**Linear (FTA 4DTV Analog) 1 LNB 1 Polarity Fixed Feed Horn 11.7-12.2 GHz WR75 Flange**
611-6060-07	**Wideband Linear (FTA 4DTV Analog) 1 LNB 1 Polarity Fixed Feed Horn Corrugated 10.95-12.75 GHz WR75 Flange**
611-6062-07	**Wideband Linear (FTA 4DTV Analog) 2 LNB 2 Polarity Fixed Feed Horn Corrugated 10.95-12.75 GHz WR75 Flange**
611-6060-17	**Wideband Circular (DSS) 1 LNB 1 Polarity Fixed Feed Horn Corrugated 10.95-12.75 GHz WR75 Flange**
611-6062-11	**Wideband Circular (DSS) 2 LNB 2 Polarity Fixed Feed Horn Corrugated 10.95-12.75 GHz WR75 Flange**

VSWR is a low 1:3:1 for these feeds

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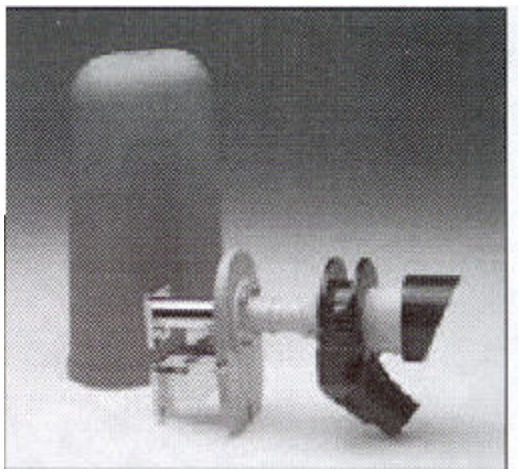
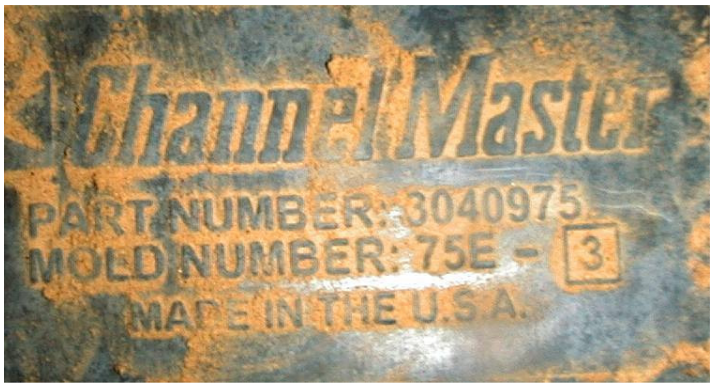



Model NJR2112F
Serial Nbr 7045301


NJR2112F

3 Types of H/V LNBs have been seen model **NJR2119F, NJR2212F** & some with no model#s. They can be converted to a LNBF by connecting the H V cables to the input of a DirecTv Multiswitch. Some Primestar setups with more than 1 receiver should have a multiswitch already installed at the house. Horz goes to 17v and Vert goes to 14V dish inputs. Once setup to use the LNBF format they will work with FTA, 4DTV and Dish (as a superdish addon)
Use 10750 as the LO freq in your receiver setup. Also in use was a LNBF with 1 output. Primestar LNBS will be mounted like in the photo with the H port up or like in the bottom photos with the V up. Beware of improper installs where they are mounted crossway.
The LNB skew will most likely be set to +10.

Channel Master Primestar Antennas



CHANNEL MASTER 84 CM AND 75 CM ELLIPTICAL OFFSET ANTENNAS VERY WELL MADE ELLIPTICAL DESIGN ANTENNAS ORIGINALLY USED IN THE PRIMESTAR KU-BAND DIGITAL TV PROJECT DURING THE 1990S.

THE 84 CM MODEL IS ESPECIALLY EFFICIENT, AND WELL SUITED TO MODIFICATION FOR MULTI-SATELLITE RECEPTION USING ADDED LNBFs LEFT AND RIGHT OF THE ORIGINAL CENTER LNBF. CHANNEL MASTER WAS PURCHASED BY ANDREW ANTENNA, AND IS NO LONGER SUPPORTING THESE OLDER MODELS. MANY ARE AVAILABLE ON THE USED MARKET; OFTEN SALVAGED FROM OLD PRIMESTAR INSTALLATIONS. BEST PERFORMANCE IS FOUND ON UNITS STILL NEW IN THEIR ORIGINAL BOX, WHICH ARE SOMETIMES AVAILABLE IN WAREHOUSE LOCATIONS. ANOTHER PLUS OF THESE ANTENNAS IS THE SUPER-STABLE ELEVATION

ADJUSTMENT, WHICH USES A CONTINUOUS THREADED MECHANISM, AS OPPOSED TO THE OFTEN USED SLOT AND NUT/WASHER METHOD OF SECURING IN PLACE. MUCH EASIER TO ACCURATELY LOCK ON TO THE CENTER OF A SATELLITE'S BEAM.

This is a professional model antenna. I have used many hundreds of these antennas over the years and can tell you that they are tough. I have seen these take the wind, hail and tornados of Oklahoma in stride. My previous business relied on our satellite downlink and these never let me down. If you want to see one of these, check out the radio and tv towers in your area, you are bound to find one of these feeding a paging transmitter's sat receiver. Channel Master's description says the antenna is a rugged commercial grade product suitable for the most demanding applications. The reflector is thermoset-molded for strength and surface accuracy. Molded into the rear of the reflector is a network of support ribs which not only strengthens the antenna, but also helps to sustain it critical parabolic shape. The Az/El mount is constructed from heavy gauge steel to provide a rigid support to the

reflector. The Az/El mount secures the antenna to a customer supplied 2.38in O.D. mast and prevents slippage in high winds. A specially formulated powder paint process offers excellent protection from weather related corrosion. This antenna INCLUDES a linear feed made to optimize the signal from the reflector at no additional charge. Simply add your Ku LNB and you are set. The feed is manually adjusted for Horizontal or Vertical and degrees of skew.

The reflector material is made of glass fiber reinforced polyester and the optics are one-piece offset feed prime focus design. The mount is elevation over azimuth having a 10 to 70 degree elevation fine adjustment. The azimuth is 360 degrees continous.

The dish identification is found on the back of the dish, upper left side.

Most antennas I have seen are .75, 1 meter, and 1.2 meter. I don't know if the Primestar dishes come any bigger. The sizes I mentioned can be found anywhere! I have folks just give them to me, to get them off their property!

When you are out driving, look around! Chances are very good you will see these dishes

Personally I love the 1 and 1,2 meter dishes. It is wonderful for FTA. You can adapt these dishes to be on HH motor drives such as the Moteck SG2100. Go to forums such as SatelliteGuys.us and do a search on how to adapt the dish for motorized systems. The beauty of using these dishes for motorized system is that the LNBs doesn't have to be skewed! When the dish go from satellite to satellite, the LNB is automatally skewed.

As far as using a dish for a offset dish on a certain satellite, there are settings on elevation, skew, and etc that has to be made.

I hope this information can be a great help to you. I have seen many folks asking questions on the forums about using the Primestar dish and LNBs for FTA. Good news is that these dishes and LNBs can be used. You can use newer LNBs on these dishes for FTA.