

DBS micro Stacker

uS575-1

Features

- **Stacks and Combines:** Dual LNB Outputs
- **DBS Receiver Compatibility:** DirecTV®, DISH
- **LNB Power Inserter:** HR PI-20T
- **Wide Input Window:** -30 dBm to -40 dBm
- **Made in USA:** 100% machine soldered
- **High Reliability:** Surface Mount Design
- **100% Bench-Tested:** HP Analyzer
- **Good Return Loss:** 12 dB input, 10 dB output

Description

Places both polarities of a single DBS satellite on one coax. Crystal controlled synthesized upconversion of the even (+18 V) polarity produces a "stacked" signal matching Sony and HNS DBS "stacked" receivers. High input capability enables the unit to be placed at the dish. Units have a solder-back case and weather boots for outdoor installation. DC voltage at the output connector passes through to the "Even" input to power a dual LNB. The single voltage force tunes the LNB to produce one even polarity and one odd polarity. Includes model HR PI-20 power inserter with 20 Vdc transformer.

Specifications

RF Specifications	Typical	QC Limit
RF Input Frequency:	(2) 950 to 1450 MHz	
Signal Level Input Window:	-30 to -40 dBm	
Loss (odd transponders 950-1450 <Hz):	6 dB	
Loss (even transponders 1550 to 2050 <Hz):	3 dB	
Band Flatness		
Any 20 MHz:	± 0.5 dB	
950 to 1450 MHz:	± 1 dB	
Input Return Loss		
950-1450 MHz	12 dB	10 dB
Output Return Loss		
950-2050 MHz	12 dB	10 dB
LO Frequency	575 MHz	± 30 kHz
2nd Harmonic Rejection ... 1150 MHz	> 40 dBc	
3rd Harmonic Rejection ... 1725 MHz	> 6 dBc	
Voltage	20 VDC	70 mA
LNB Power:	20 Vdc	
LNB current:	500 mA available	

Mechanical Specifications

Dimensions:	3.5" x 2.5" x 0.75"
Weight:	1.3 lbs, (0.6 kg)
Master Carton (12 units):	12.5" x 12.5" x 9.5"
Carton Weight:	19 lbs, (8.6 kg)

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