



## Ordering Guide for L-band Modems

M505	S	i	-T4	-4	sp
1	2	3	4	5	6

### 1. Modem Modulation and Max Data Rate Type

M505: 5 Mbps/max, BPSK, QPSK, OQPSK  
M511: 10 Mbps/max, adds 8PSK  
M523: 20 Mbps/max, adds 16QAM

### 2. IF Frequency Range

L: L-band Transmit and Receive  
DL: L-band Receive-only

### 3. SnIP Interface

i: adds the optional Ethernet card for bridging functions  
Blank: no card

### 4. FEC Options

-T4: 4K Turbo Products Code (in addition to standard Viterbi and RS)  
-T16: 16K Turbo Products Code (in addition to standard Viterbi and RS)  
Blank: Viterbi and RS only

### 5. Interface Cable Options

-4: RS-449 (DB37) Interface. DSF00-080B cable also supplied  
-5: EIA-530 (DB37 to DB25). DSF00-080B cable.  
-V: V.35 with Winchester (DB37 to M340). DSF00-083 cable.  
-3: V.35 with DB25 (DB37 to DB25). DSF00-080B cable.  
-2: sync RS232 (DB37 to DB25). DSF00-080B cable.

### 6. BUC Power Supply Options

Blank: 24V, 4A supply  
sp: 24V, 4A, with pfc  
hp: 48V, 2A  
hpd: 48V, 3.2A, din rail  
hpt: 48V, 3.2A, desktop  
np: No BUC power