

YAGI
POINTED AT
CIMT
MOORING



N MALE

SUPERFLEX
24"

N FEMALE

LMR-600 or LDF-50

N MALE

CIMT
MOORING

FREEWAVE
900 MHZ SS

13.8 VDC, 1.5 AMP
POWER SUPPLY

120 VAC FROM
UPS

YAGI
POINTED AT
M1



N MALE

SUPERFLEX
24"

N FEMALE

LMR-600 or LDF-50

N MALE

SERIAL MODEM
M1 DIRECT

TELEDESIGNS
TS-4000 MODEM

13.8 VDC, 5 AMP
POWER SUPPLY

120 VAC FROM
UPS

OMNI ON ROOF



N MALE

SUPERFLEX
24"

N FEMALE

LMR-600 or LDF-50

N MALE

MONITOR RADIO

TELEDESIGNS
TS-4000 MODEM

13.8 VDC, 5 AMP
POWER SUPPLY

120 VAC FROM
UPS

Mount a 19" rack shelf in left rack above the multitech modems and mount the Teledesigns radios on the shelf. Run the antenna coax runs to the rack shelf.

SPLICING INSTRUCTIONS TYPICAL
FOR ALL EXTERNAL COAX CONNECTIONS

Tape the coax splice with two overlapping layers of 3M Liner-less Electrical Splicing Tape. Stretch tape to 100% elongation and insure void free application. Cover with two 50% overlapping layers of 3M 33+ or 88 vinyl tape. Coat the finished splice with 3M ScotchCoat.

Verify the coax and connector installation by terminating the antenna end with a 50 ohm RF termination and testing with a SWR analyzer.

ADD A 24" SUPERFLEX JUMPER AT RACK EQUIPMENT SHELF IF BEND RADIUS IS A PROBLEM

Title		
MBARI WIRELESS INSTALATION		
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