

Translator Prices

Energy-Onix Recommended Equipment

To receive Master Station (Specify Frequency)

<u>Item</u>	<u>Qty</u>	<u>Description</u>	<u>FOB Price</u>
1	1	9db gain receiving Yagi Antenna SAM – 159 - FM	\$ 300.00
2	100'	½" Foam Line with(2) Type "N" plugs and straptite kit	\$ 375.00
3	1	Composite Receiver Model AF210	\$ 600.00
4	1	Polyphasor IS-50NX-C1	\$ 100.00
Total			\$1375.00

To Transmit New Frequency (Specify Frequency)

<u>Item</u>	<u>Qty</u>	<u>Description</u>	<u>FOB Price</u>
1	1	Transmitter Energy-Onix with FSK capability	
1a		Model 30FSK, 30 watts	\$2,590.00
1b		Model 150C FSK, 150watts with line protector	\$5,090.00
1c		Model 300C FSK, 300 watts with line protector	\$5,590.00
1d		Model 500C FSK, 500 watts with line protector	\$6,590.00
1e		Model 1000C FSK, 1000watts with line protector	\$9,590.00
2	1	SWR Model FM1-1, 1Bay CP Antenna	\$425.00
		FM1-2, 2 Bay CP Antenna	\$875.00
3	100'	½" Foam Transmission Line with (2) type "N" Connectors and (1) Straptite Kit	\$355.00
4	1	Transmitter FSK Keyer	\$95.00
5	1	Polyphasor Coax Protector	\$95.00
6	1	Line Surge Protector (for 100w and higher)	\$495.00

Anticipated Coverage

Utilizing the single bay CP Antenna which has a nominal gain of 0.5 and assuming the antenna is 100 ft. above average terrain and 100 ft. of ½" line is used, the following coverage can be anticipated for the various transmitters suggested.

<u>Energy-Onix Transmitter</u>	<u>ERP</u>	<u>Range</u>
SST – 300C @ 235w	100w	5.1 miles
SST – 100C @ 60w	50w	4.0 miles
SST – 20C @ 12w	10w	2.9 miles

** See Predicted FM Coverage Data Chart for different elevations and ERP. Please note that ERP = Transmitter Power that reaches antenna times antenna gain. Energy-Onix can supply FM transmitter from 20 watts to 50,000 watts and antenna from gains of 0.5 to 10, but we have offered units normally used in USA translator activity.*