

## **Bill of Material (BOM) NDB Transmitter JTM-30C**

**Basic deliverey, Single Transmitter, Manual Tunig, for 24VDC operation only.**

### Transmitter Cabinet

Description	Type	Qty	Note
Transmitter Cabinet 40x60x32(cm)	11-18391	1	IP66 protected
Antenna Insulator	K 15010 10	1	-
Cable Glands PG16	55-108-54	4	IP68 protected
Cable Glands PG29	55-108-54	1	IP68 protected
Manual Antenna Tuning Coil	JTM-30MATC	1	65 to 2100 uH
Capacitor 200 pF +/-20%	HT57Y201MA	1	For Ant.Tuning at low freq.
Matching Transformer	JTM-30TR	1	Including 13 tapping field
Dummy Load 50 ohm 50W	HS50	1	For Transmitter testing
Resistor 0,05 ohm 10W	HS10	1	Shunt resistor
Heater 22 ohm 50W	HS50	2	Connected in parallell
Termostat 4°C	2455R-01000081	1	ON, at temp below +4°C
24V Relays	5-1393211-4	3	K2 + K3 + K4
Two poles Fuse/switch 16A	C16 2 pol	1	F1
DC Voltage Noise Filter	1191368	1	To cover CE requirements
Cable Harness complete	-	1	Assembled with plugs
Coaxial Cable with SMA connectors	-	2	With SMA Plugs
Coaxial Cable with TNC connector	-	2	With TNC Plugs
Power Control Unit (PCU)	JTM-30PCU	1	PCB
RF Power Amplifier 100 WPEP	JTM-30HPA	1	RF Ampifier TXB (Reserve)
Exciter	JTM-30E	1	EXC TXB
RS-485/USB Converter	JTM-485USB2	1	For interface to PC
Equipment documentation	JTM-30DOC	1	Complete set of doc.
PC SW & application SW	JTM-PC-SW	1	CD w/ varoious SW and doc.

### **Optional parts**

Description	Type	Qty	Note
<u>Single AC input Power Supply Assembly Type AC Mains &amp; 24VDC operation</u>			
AC/DC Converter	HWS-300-24	1	85-265VAC input, 24VDC out
Two poles Fuse/switch 16A	C16 2 pol	2	Fuse for AC mains & 24VDC
Dual Power Diodes 100A	ADD-A-PAK	1	Article No 7004986

