

Chapter 2 Equipment Supplied

2.1 Standard equipment list

RA83

No.	Item name	Type name	Remark	Weight/length	Q'ty
1	Aerial	RW701A-04/06	4 ft / 6 ft	6 kg / 8 kg	1
2	Transceiver unit	RB717A	6 kW	17 kg	1
3	Processor unit	RP100A		5.5 kg	1
4	Operation unit	RO100A		2 kg	1
5	Connecting cable	242J159098B-15M	With connectors attached on both ends	15 m	1
6	Power cable	CW-256-2M	Cable with 5-pin connector on one end and fly leads on the other end	2 m	1
7	Display cable	CW-560-2M	Cable with D-SUB connector on both ends	2 m	1
8	Spare parts	SP-100	See spare parts list	Not specified	1 set
9	Installation materials	M12-BOLT.KIT	See installation material list	Not specified	1 set
10	Documents	RA80/90SER.OM.E	Operation manual	Not specified	1

RA84

No.	Item name	Type name	Remark	Weight/length	Q'ty
1	Aerial	RW701A-04/06	4 ft / 6 ft	6 kg / 8 kg	1
2	Transceiver unit	RB718A	12 kW	17 kg	1
3	Processor unit	RP100A		5.5 kg	1
4	Operation unit	RO100A		2 kg	1
5	Connecting cable	242J159098B-15M	With connectors attached on both ends	15 m	1
6	Power cable	CW-256-2M	Cable with 5-pin connector on one end and fly leads on the other end	2 m	1
7	Display cable	CW-560-2M	Cable with D-SUB connector on both ends	2 m	1
8	Spare parts	SP-100	See spare parts list	Not specified	1 set
9	Installation materials	M12-BOLT.KIT	See installation material list	Not specified	1 set
10	Documents	RA80/90SER.OM.E	Operation manual	Not specified	1

RA85

No.	Item name	Type name	Remark	Weight/length	Q'ty
1	Aerial	RW701A-04/06	4 ft / 6 ft	6 kg / 8 kg	1
2	Transceiver unit	RB719A	25 kW	21 kg	1
3	Processor unit	RP100A		5.5 kg	1
4	Operation unit	RO100A		2 kg	1
5	Connecting cable	242J159098B-15M	With connectors attached on both ends	15 m	1
6	Power cable	CW-256-2M	Cable with 5-pin connector on one end and fly leads on the other end	2 m	1
7	Display cable	CW-560-2M	Cable with D-SUB connector on both ends	2 m	1
8	Spare parts	SP-100	See spare parts list	Not specified	1 set
9	Installation materials	M12-BOLT.KIT	See installation material list	Not specified	1 set
10	Documents	RA80/90SER.OM.E	Operation manual	Not specified	1

RA93

No.	Item name	Type name	Remark	Weight/length	Q'ty
1	Aerial	RW701A-04/06	4 ft / 6 ft	6 kg / 8 kg	1
2	Transceiver unit	RB717A	6 kW	17 kg	1
3	Processor unit	RP100A		5.5 kg	1
4	Operation unit	RO100A		2 kg	1
5	Connecting cable	242J159098B-15M	With connectors attached on both ends	15 m	1
6	Power cable	CW-256-2M	Cable with 5-pin connector on one end and fly leads on the other end	2 m	1
7	Display cable	CW-560-2M	Cable with D-SUB connector on both ends	2 m	1
8	Spare parts	SP-100	See spare parts list	Not specified	1 set
9	Installation materials	M12-BOLT.KIT	See installation material list	Not specified	1 set
10	Documents	RA80/90SER.OM.E	Operation manual	Not specified	1

RA94

No.	Item name	Type name	Remark	Weight/length	Q'ty
1	Aerial	RW701A-04/06	4 ft / 6 ft	6 kg / 8 kg	1
2	Transceiver unit	RB718A	12 kW	17 kg	1
3	Processor unit	RP100A		5.5 kg	1
4	Operation unit	RO100A		2 kg	1
5	Connecting cable	242J159098B-15M	With connectors attached on both ends	15 m	1
6	Power cable	CW-256-2M	Cable with 5-pin connector on one end and fly leads on the other end	2 m	1
7	Display cable	CW-560-2M	Cable with D-SUB connector on both ends	2 m	1
8	Spare parts	SP-100	See spare parts list	Not specified	1 set
9	Installation materials	M12-BOLT.KIT	See installation material list	Not specified	1 set
10	Documents	RA80/90SER.OM.E	Operation manual	Not specified	1

RA95

No.	Item name	Type name	Remark	Weight/length	Q'ty
1	Aerial	RW701A-04/06	4 ft / 6 ft	6 kg / 8 kg	1
2	Transceiver unit	RB719A	25 kW	21 kg	1
3	Processor unit	RP100A		5.5 kg	1
4	Operation unit	RO100A		2 kg	1
5	Connecting cable	242J159098B-15M	With connectors attached on both ends	15 m	1
6	Power cable	CW-256-2M	Cable with 5-pin connector on one end and fly leads on the other end	2 m	1
7	Display cable	CW-560-2M	Cable with D-SUB connector on both ends	2 m	1
8	Spare parts	SP-100	See spare parts list	Not specified	1 set
9	Installation materials	M12-BOLT.KIT	See installation material list	Not specified	1 set
10	Documents	RA80/90SER.OM.E	Operation manual	Not specified	1

2.2 Spare parts list

RA83/84/85/93/94/95 (Common use)

No	Description	Rating	Remark	Shape (Dimensions)	Q'ty	Use
1	Fuse	15A	Normal blow	Tubular (ϕ 6.3 x 32)	1	Main power supply
2	Fuse	5A	Normal blow	Tubular (ϕ 5 x 25)	1	Motor power supply
3	Fuse	0.3A	Normal blow	Tubular (ϕ 5 x 25)	1	High voltage power supply
4	Motor brush	24Z125209B	Not specified	Not specified	1 set	Antenna motor

2.3 Installation material list

RA83/84/85/93/94/95 (Common use)

No	Description	Rating	Q'ty	Use
1	Hexagonal bolt	B12X55U	4	Antenna unit
2	Nut	N12U	8	Antenna unit
3	Plain washer	2W12U	8	Antenna unit
4	Spring washer	SW12U	4	Antenna unit
5	Ferrite core	E04RA400270150	1	Processor unit

2.4 Optional items

RA83/84/85/93/94/95 (Common use)

No.	Description	Rating	Remark	Weight/length/Q'ty
1	Gyro/Log Interface	KSA-08A	Built into the processor unit	Not specified
2	ATA	MRE-300	Built into the processor unit	Not specified
3	AIS Interface	AIS-100	Built into the processor unit	Not specified
4	Connecting cable	CW-387-5M	For AIS I/F. One end with 8-pin connector and flying leads on the other end	5 m
		CW-376-5M	For Navigator. One end with a 6-pin connector and flying leads on the other end	5 m
		CW-388-5M	For Gyro/Log I/F. One end with 10-pin connector and flying leads on the other end	5 m
		CW-561-10M	For Remote Display. With 12-pin connector on both ends	10 m
5	Display Cable	CW-560-2M	With D-sub connector on both ends	2 m
6	Rectifier	PS-010	With two 5 A fuses	3.5 kg
7	AC power cable	VV-2D8-3M	Flying leads on both ends	3 m
8	Connecting cable in extra length	242J159098C-20M	Connectors attached on both ends	20 m
		242J159098D-30M		30 m
		242J159098E-XM (See NOTE)		100 m max

NOTE: The length of the cable is specified by the customer within 100 meters.