

IFR 1200S Spare Parts List

By: Alex, KD6VPH

IFR 1200S BNC Flexible Antenna (No Picture Available)

Description: Rubber Duck flexible antenna with BNC that came in later model IFR 1200S units

Closest Match: the antenna specialists co.

Replacement Manufacturer Part Number: HPA31

Available via used market only (eBay)

IFR 1200S BNC Antenna Right Angle Adapter



Description: Nickel plated BNC male to female right angle adapter that came with the original rubber flexible antenna

Replacement Manufacturer: Amphenol

Replacement Manufacturer Part Number: 31-9

Digikey Part Number: ARF1071-ND

Mouser Part Number: 523-31-9

IFR 1200S RF Module SMB Male, Right Angle, Bulkhead Mount, PCB Mount Connectors (No Picture Available)

Description: SMB male, right angle, bulkhead, PC mount connectors (SMB, M, RA, BHD) used on IFR1200S RF modules

Replacement Manufacturer: Radiall

Replacement Manufacturer Part Number: 2110-7511-000

Mouser Part Number: 501-2110-7511-000

Alternative connector with nickel body and gold connector



Replacement Manufacturer: Amphenol
Replacement Manufacturer Part Number: 903-413J-51A
Digikey Part Number: ARF1908-ND
Mouser Part Number: 523-903-413J-51A

IFR 1200S RF Module SMB Female, Right Angle, Coax Connectors



Description: SMB female, right angle, for RG-316 coax connectors (SMB, F, RA, Coax) used to interconnect the IFR 1200S RF modules
Replacement Manufacturer: Amphenol
Replacement Manufacturer Part Number: 903-367P-51A2
Digikey Part Number: ARF1235-ND
Mouser Part Number: 523-903-367P-51A2

IFR 1200S Chassis Mount AC Receptacle



Description: Chassis mounted AC receptacle used on IFR1200S modules

Replacement Manufacturer: Switchcraft

Replacement Manufacturer Part Number: EAC301X

Mouser Part Number: 502-EAC301X

Alternative Plug with different style solder terminals



Replacement Manufacturer: Switchcraft

Replacement Manufacturer Part Number: EAC309X

Digikey Part Number: SC1833-ND

Mouser Part Number: 502-EAC309X

IFR 1200S Memory Backup Battery (w/Solder Tabs)



Description: BR2325 Memory backup battery which is soldered to the Processor PC Board

Replacement Manufacturer: Panasonic

Replacement Manufacturer Part Number: BR-2325/HBN
Digikey Part Number: P142-ND
Mouser Part Number: 658-BR-2325/HBN

Alternative replacement battery with tabs which are insulated



Replacement Manufacturer: Panasonic
Replacement Manufacturer Part Number: BR-2325/HCN
Digikey Part Number: P202-ND
Mouser Part Number: 658-BR-2325/HCN

IFR 1200S Memory Backup Battery (w/o Solder Tabs)



Description: BR2325 Memory backup battery which is used in conjunction with coin cell holder
Replacement Manufacturer: Panasonic
Replacement Manufacturer Part Number: BR-2325
Digikey Part Number: P135-ND
Mouser Part Number: 658-BR2325

IFR 1200S Memory Backup Battery Coin Cell Holder



Description: Coin Cell Holder to allow non-tabbed BR2325 batteries to be installed
Replacement Manufacturer: MPD (Memory Protection Devices)
Replacement Manufacturer Part Number: BH908T-C
Digikey Part Number: BH908T-C-ND

IFR 1200S Right Angle AC Power Cord



Description: Right Angle 6 Foot AC Power Cord- this is the closest cable to the OEM IFR power cable- it is the same length, flexibility, and has the same look as the original
Replacement Manufacturer: Cablelera
Replacement Manufacturer Part Number: ZADA15PC-06
Amazon Part Number: ZADA15PC-06

Alternative Right Angle 6 Foot AC Power Cord (Different look- less flexible than OEM cable)



Description: Right Angle 6 Foot AC Power Cord

Replacement Manufacturer: Assmann WSW Components
Replacement Manufacturer Part Number: AK500/U-1
Digikey Part Number: AE9887-ND

IFR 1200S Red Banana Jack (No Picture Available)

Description: Red banana jack on front panel of 1200S for powering external generate amplifier and cellular wattmeter options

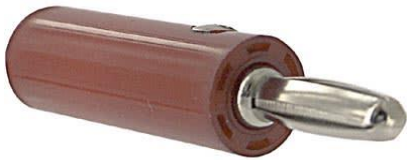
Replacement Manufacturer: Abbatron Hh Smith
Replacement Manufacturer Part Number: 1499-102
Allied Part Number: 70209791
Newark Part Number: 82T5281

Alternative replacement red banana jack (slightly different solder tab and look)



Replacement Manufacturer: Keystone
Replacement Manufacturer Part Number: 6091
Digikey Part Number: 36-6091-ND
Mouser Part Number: 534-6091

IFR 1200S Red Banana Plug



Description: Red banana plug used on external 30dB generate amplifier and cellular wattmeter options- please note that installation will require threading of banana plug with 3/8"-32 die
Replacement Manufacturer: Abbatron Hh Smith
Replacement Manufacturer Part Number: 204-102
Allied Part Number: 70927472

IFR 1200S Lid Latch



Description: Black slide latch that fits the lid of IFR 1200S
Replacement Manufacturer: SouthCo Inc.
Replacement Manufacturer Part Number: A3-40-625-12-RS
Allied Part Number: 71007615
Also Available On: Amazon, eBay

IFR 1200S BNC to SMA Connector used on T/R, Duplex Output, Antenna on Front Panel, and 10MHz Reference on Rear Panel (No Picture Available)

Description: BNC to SMA connector used on T/R, Duplex Output, and Antenna Connector as well as 10MHz reference on rear panel
Replacement Manufacturer: Amphenol
Replacement Manufacturer Part Number: 901-9173
Digikey Part Number: N/A (Minimum order QTY of 100)
Mouser Part Number: 523-901-9173

IFR 1200S BNC Connector to Solder Cup used on "SCOPE/DVM", "TONE OUT", "DEMODO", "EXT MOD/SINAD" on Front Panel



Description: BNC to solder cup connector used on "SCOPE/DVM", "TONE OUT", "DEMODO", "EXT MOD/SINAD" on Front Panel
Replacement Manufacturer: Amphenol
Replacement Manufacturer Part Number: 31-221
Digikey Part Number: ARF1064-ND
Mouser Part Number: 523-31-221

IFR 1200S “FREQ ERROR”, “MODE”, “MODULATION”, “METER” Switches



Description: Switch used on “FREQ ERROR”, “MODE”, “MODULATION”, “METER” Switches- these are 12 position switches which have adjustable stops so that they can be used in any of the four front panel switches. Note: Ensure selector switch is in selection range before inserting pin stops and sealing sticker.

Replacement Manufacturer: Grayhill Inc.

Replacement Manufacturer Part Number: 55DP30-01-1-AJN

Digikey Part Number: N/A

Mouser Part Number: 706-55DP30-01-1-AJN

IFR 1200S “INTL/OFF/SPKR” (TONE GENERATOR) 3-Position Switches



Description: Switches used on “INTL/OFF/SPKR” (TONE GENERATOR)

Replacement Manufacturer: C&K Components

Replacement Manufacturer Part Number: 7211SYCQE

Digikey Part Number: CKN1493-ND

Mouser Part Number: 611-7211-002

IFR 1200S "AC/GND/DC" 3-Position Switch



Description: Switches used on "AC/GND/DC"
Replacement Manufacturer: C&K Components
Replacement Manufacturer Part Number: 7103SYZQE
Digikey Part Number: CKN1026-ND
Mouser Part Number: 611-7103-001

IFR 1200S "PWR/STANDBY/BATT" Rocker Switch



Description: 3 Position ON/OFF/ (ON) Red Rocker Switch
Replacement Manufacturer: C&K Components
Replacement Manufacturer Part Number: 7207J16ZBI22
Digikey Part Number: 7207J16ZBI22-ND
Mouser Part Number: 611-7207J16ZBI22
Please note that rocker switch color will be black and not red

IFR 1200S DC Jack



Description: DC jack mounted to rear of IFR 1200S Panel
Replacement Manufacturer: Switchcraft
Replacement Manufacturer Part Number: 712A
Digikey Part Number: SC1048-ND
Mouser Part Number: 502-712A

IFR 1200S Internal Battery



Description: Sealed Lead Acid Battery with T2 size terminals- replaces Cyclon 12V 5Ah Battery Pack
Replacement Manufacturer: BB Battery
Replacement Manufacturer Part Number: BP5-12-T2
Digikey Part Number: 522-1010-ND
Mouser Part Number: N/A

*** Alternative Replacement Sealed Lead Acid Battery; Power-Sonic; 12V, 5Ah, T2 size terminals***



Replacement Manufacturer: Power-Sonic 12V 5Ah
Replacement Manufacturer Part Number: PS-1250F2
Digikey Part Number: N/A
Mouser Part Number: 547-PS1250F2

Alternative Replacement Sealed Lead Acid Battery; Power-Sonic ; 12V, 6Ah, T2 size terminals



Replacement Manufacturer: Power-Sonic
Replacement Manufacturer Part Number: PSH-1255F2-FR
Digikey Part Number: N/A
Mouser Part Number: 547-PSH1255F2

IFR 1200S Internal Battery Connector



Description: IFR 1200S internal battery (12v, 5Ah) wiring connector on battery for connection to IFR battery charger harness
Replacement Manufacturer: Molex Inc.
Replacement Manufacturer Part Number: 03-09-2022
Digikey Part Number: WM1324-ND
Mouser Part Number: 538-03-09-2022

IFR 1200S Internal Battery Connector Pins (Male)



Description: IFR 1200S internal battery (12v, 5Ah) wiring connector male pins used on battery connector to IFR battery charger harness

Replacement Manufacturer: Molex Inc.

Replacement Manufacturer Part Number: 02-09-2103

Digikey Part Number: WM1100-ND

Mouser Part Number: 538-02-09-2103

IFR 1200S Internal Battery Charger Connector



Description: IFR 1200S internal battery charger wiring connector for connection to internal battery

Replacement Manufacturer: Molex Inc.

Replacement Manufacturer Part Number: 03-09-1022

Digikey Part Number: WM1331-ND

Mouser Part Number: 538-03-09-1022

IFR 1200S Internal Battery Charger Connector Pins (Female)



Description: IFR 1200S internal battery charger wiring connector female pins used on internal battery charger connector

Replacement Manufacturer: Molex Inc.

Replacement Manufacturer Part Number: 02-09-1104

Digikey Part Number: WM1101-ND

Mouser Part Number: 538-02-09-1104

IFR 1200S Internal Battery Charger Fuse 5A, 250V, Slo-Blo (IFR p/n: 5106-4505-000)



Description: IFR 1200S internal battery charger slo-blow 5A/250V fuse (located on battery charger PC board)

Replacement Manufacturer: Littelfuse Inc.

Replacement Manufacturer Part Number: 0313005.HXP

Digikey Part Number: F2547-ND

Mouser Part Number: 576-0313005.HXP

IFR 1200S Line Supply PC Board Fuse 1A, 250V, Slo-Blo (IFR p/n: 5106-0000-003)



Description: IFR 1200S line supply PC board slo-blow 1A/250V fuse (located on line supply PC board)

Replacement Manufacturer: Bussmann/Eaton

Replacement Manufacturer Part Number: BK/MDL-1

Digikey Part Number: 283-2733-ND

Mouser Part Number: 504-BK/MDL-1-R

IFR 1200S Fuse 0.125A, 250V, Fast-Blo (IFR p/n: 5106-0000-015)



Description: IFR 1200S fast-blow 0.125A/250V fuse (located in line on pin 1 of 5 pin ACC/MIC connector on front panel of unit)

Replacement Manufacturer: Bussmann/Eaton

Replacement Manufacturer Part Number: BK/AGC-1/8-R

Digikey Part Number: 283-3022-ND

Mouser Part Number: 504-AGC-1-8-R

IFR 1200S Volume Control Potentiometer (4751-0103-010)

Description: IFR 1200S 10K Ohm Volume Potentiometer (Audio Taper)

Replacement Manufacturer: Honeywell

Replacement Manufacturer Part Number: 392550M6965

Digikey Part Number: N/A

Mouser Part Number: 785-392550M6965

*** Ensure grounding lug is used on threads***

IFR 1200S "1KHz" and "VAR" Tone Level Control Potentiometer (4751-0103-010)

Description: IFR 1200S 1 KHz and Variable Tone Potentiometer (Audio Taper)

Replacement Manufacturer: Honeywell

Replacement Manufacturer Part Number: 392550M6965

Digikey Part Number: N/A

Mouser Part Number: 785-392550M6965

IFR 1200S Squelch Potentiometer (4751-0103-020)

Description: IFR 1200S 10K Ohm Squelch Potentiometer

Replacement Manufacturer: Honeywell

Replacement Manufacturer Part Number: 392C310K

Digikey Part Number: N/A

Mouser Part Number: 785-392C310K

Please note that you will need to cut down the shaft length- use Dremel tool or bench grinder but ensure that you keep the shaft cool as to not damage the internals

IFR 1200S Attenuator Potentiometer (4751-0103-007)

Description: IFR 1200S 10K Ohm Attenuator Potentiometer

Replacement Manufacturer: Honeywell

Replacement Manufacturer Part Number: 392C310K

Digikey Part Number: N/A

Mouser Part Number: 785-392C310K

Please note that you will need to cut down the shaft to the proper length- use a Dremel tool or bench grinder but ensure that you keep the shaft cool as to not damage the internals

IFR 1200S Generator Switch/Potentiometer (4750-7618-000)



Description: IFR 1200S 10K Ohm Generate Potentiometer and Unlock Switch

Replacement Manufacturer: Honeywell

Replacement Manufacturer Part Number: 381NS-10K

Available online from various sources (eBay)

Please note that you will need to cut down the shaft to the proper length- use a Dremel tool or bench grinder but ensure that you keep the shaft cool as to not damage the internals