

1RU Frame with built in DC PSU

**FEATURES**

- Built in DC power supply.
- Take up to two Eurocard modules.
- Suit IRT's current 4000 series Eurocards.
- Optional plug in Simple Network Management Protocol (SNMP) card.

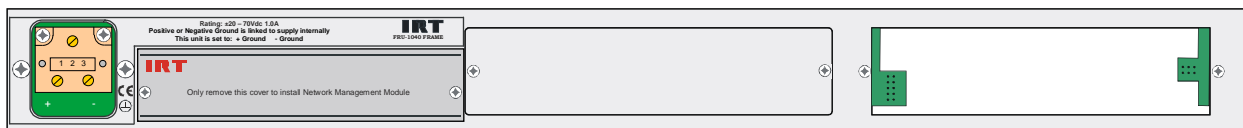
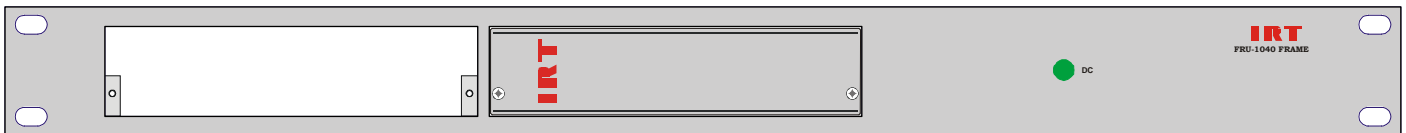
**GENERAL**

The FRU-1040 chassis with integral DC power supply provides a means of mounting either one or two IRT Eurocard modules in a single rack unit, where only a low voltage DC supply is available. This provides a convenient format for situations where only a small number of modules are required and space is at a premium.

The FRU-1040 differs from the AC 1 RU chassis only in the provision of a DC supply input in the range of 20 to 70 Volts instead of the AC mains input. The DC input may be either positive or negative earth.

The FRU-1040 is supplied with blank plates covering the right hand module position to enhance the safety and appearance of the unit when only one card is fitted.

A single power supply only is provided, so if power supply redundancy is required users should select one of IRT's 3 RU frames.



## TECHNICAL SPECIFICATIONS

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### Power requirements:

<b>Voltage</b>	20 to 70 Vdc positive or negative ground. (FRU-1040 set up for positive ground as standard).
<b>Power</b>	1 A maximum.
<b>Fusing</b>	500 mA anti-surge.

<b>Output:</b>	± 16 Vdc, 10 VA maximum.
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### Connectors:

<b>DC power input</b>	Klippon MK1/3 termination block.
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### Other:

<b>Temperature range</b>	0 - 50° C ambient.
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<b>Mechanical</b>	1 RU (482 mm x 44.5 mm) standard 19" rack frame. Suitable for mounting in standard 19" racks.
<b>Dimensions</b>	482 x 44.5 x 238 mm (frame empty). Clearance width 442 mm.

<b>Finish</b>	<b>Front panel</b>	Grey background, black lettering and red IRT label.
	<b>Rear panel</b>	Aluminium with silk screened black lettering.

### Optional Accessories:

<b>CDM-1000</b>	Simple Network Management Protocol (SNMP) controller card for use with 4000 series Eurocards fitted with SNMP capability.
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