



*A range of accessories are available for the complete IFR range of signal generators designed to further enhanced the versatility and portability of this product range*

## Signal Generator Accessories

compared to that generated by a fast pulse modulator. Generators requiring this facility should be ordered with Option 2 and Option 105. The specification is as Option 2 but with a typical rise time of 2  $\mu$ s.

Order Number	Description
Option 105	Order with any 2030, 2040 or 2050 series signal generator. Must be ordered with Option 002.

### Rack Mounting Kits

#### 2023A/B, 2025

The rack mounting kit for the 2023A/B, 2025 contains front panel brackets only, which ensures the instrument is secure in the rack.

#### 2026

Has the same full rack mount kit as the 2030/40/50 Series, but is designed for 4U high.

#### 2030, 2040 and 2050 Series

Two types of rack mount kit are offered which allow the generator to be installed in a rack and occupy a height of 3 units (5 $\frac{1}{4}$  inches).

The full rack mount kits are supplied with a set of front mounting brackets which allow the instrument to be mounted with or without the front panel handles. Telescopic slides support the weight of the instrument and provide a simple means of removing the generator from the rack. Two kits are available to allow for mounting in racks with a depth between the front and rear mounting faces of either 480 mm to 680 mm or from 680 mm to 840 mm.

The more basic rack mounting kit provides a set of front mounting brackets which allow the instrument to be mounted with or without the front panel handles. This kit must be used in conjunction with a method of supporting the weight of the instrument in the rack.

of protection for all 2030, 2040 and 2050 Series signal generators. It is made from aluminium with a high density foam insert to protect and isolate the signal generator. The case has rounded welded corners and has adequate room for including power cords and an operating manual.

The soft carry case provides a convenient way to protect and carry the 2030/40/50 series signal generator. Made from a tough padded material it offers an adequate level of protection for many requirements.



Order Numbers	Description
46662-525	Transit case.
54112-164	Soft carry case.

### 2050 Series Break Out Box

The Break Out Box for Option 7 provides a convenient method of interfacing to the Auxiliary Connector. The interface converts the data, clock and burst inputs on BNC connectors to a D Type connector. The provision of a second D Type connector allows the break out box to be used to monitor the signals being supplied to the auxiliary connector from an external source. Supplied with a male to female D Type lead.

Order numbers	Description
44991-144	2050 Series breakout box

### General Accessories

Order numbers	Description
43126-012	RF connector cable, TM 4969/3, 50 $\Omega$ , 1.5 m, BNC.
54311-092	Coaxial adapter N male to BNC female.
59999-163	Precision coaxial adapter N male to SMA female.
54411-051	Impedance adapter, 50 to 75 $\Omega$ , BNC connectors.
54311-095	RF connector cable, 1 m, type N connectors.
43129-189	GPIB Lead assembly.
46883-408	IEEE/IEC Adapter block for GPIB socket.

### DECT Filter

A DECT filter is available as an optional accessory for 2030, 2040 and 2050 Series signal generators. The filter provides a simple method of connecting a CMOS data source to the FM port of the signal generator and provides an analog filter to shape the signal to correspond with the modulation requirements of the Digital European Cordless Telephone. Information on the use of the filter can be obtained in Publication No. 46889-450 from your IFR representative.



Order Number	Description
54499-044	DECT Filter Accessory.

### Option 105 TDMA Pulse Modulator

Option 105 Slow Rise and fall time pulse modulation is available for all versions of 2030, 2040 and 2050 Series signal generators supplied with the pulse modulation option. The rise and fall time of the modulator is increased from 25 ns to typically 2  $\mu$ s. The option finds application where RF signal bursts similar to those used in TDD or TDMA signals are required to be simulated. The slower rise and fall time results in lower spectrum spread

Order Numbers	Description
46884-792	2023A/B, 2025 Front bracket handle mounting kit.
46884-293	2026 Rack mounting kit (with slides) 480 mm to 680 mm
46884-294	Rack mounting kit 680 mm to 840 mm
46884-291	2030, 2040 and 2050 series Rack mounting kit (with slides) for rack cabinets from 480 mm to 680 mm.
46884-292	Rack mounting kit (with slides) for rack cabinets from 680 mm to 840 mm.
46884-541	Rack mounting kit containing front mounting brackets only.

### 2030/40/50 Series Transit and Carry Case

The transit case provides a high degree