MARCONI
INSTRUMENTS

TECHNICAL DATA TF 1066B/1

ISSUE 1. 6 65 TD 1066B 1

F. M. Signal Generator

- Frequency range: 10 to 470 Mc/s
- No multipliers or mixers
- Drift $< 25 \times 10^{-6}$/ten minutes
- Stepped as well as continuously-variable incremental tuning
- Internal modulation at 1 and 5 kc/s

F. M. Signal Generator

TF 1066 B/1

ACCESSORIES

SUPPLIED

Coaxial Free Plug: Type N, for r.f. output socket.

OPTIONAL

TM 4824
Output Lead: 50 ohm, 36 inches long; Type N plug both ends.

TM 4919 1
Attenuator Pad: 6 dB, 50 ohm, one end, Type N socket; other end, Type N plug.

TM 4919
Attenuator Pad: 20 dB, 50 ohm, one end, Type N socket; other end, Type N plug.

TM 4918
Matching Unit: N socket; other end, Belling-Lee 50 ohm to 75 ohm, one end, Type L734 P plug.

TM 4916
Matching Unit: 50 ohm unbal. to 300 ohm bal., one end, Type N socket; other end, solder tags.

TM 4917
D.C. Isolating Unit: One end, Type N socket; other end, crocodile clips.

TM 5753
Coaxial Fuse: Prevents damage to the Signal Generator attenuator through accidental application of r.f. or h.t. power to the circuit under test. Useful in transmitter receiver testing.

Overload Protection: Burns out at 0·4 watt.

Insertion Loss: Nominally 0·5 dB.

V.S.W.R.: 1·35 or less when terminated with a matched 50-ohm load. 1·6 or less when terminated with TF 1066B attenuator via 20-dB Pad, TM 4919.

Connectors: Type N.

Fuse: $\frac{1}{16}$ amp Littlefuse Cat. No. 361.062. 10 spares are supplied.

Dimensions: Length, $4\frac{7}{8}$ in; dia. $\frac{13}{16}$ in.

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