

Enhanced Oscilloscope Kit - Senior Technician

● 76-270



FEATURES:

- Unique Interconnection Kit
- High Quality Components
- Frequency up to 1 GHz
- Works with All Popular Instruments
- Gold Plated Contacts
- Storage Pouch
- 100 MHz 1x/10x Probe

ENHANCED INTERCONNECTION KIT FOR RF MEASUREMENTS WITH OSCILLOSCOPES:

Tenma's enhanced oscilloscope accessory kit, model 76-270, provides users the necessary interconnection cables and adapters for effective scope use plus a high quality 100 MHz switchable probe for added performance.

The kit includes 1 each of, 1-meter BNC and 1-meter BNC to IC clips cable assemblies, 1 in-series BNC coaxial adapter, 1 BNC to banana plug adapter, 1 BNC 50 Ω terminator, and 1 100 MHz 1x/10x/REF passive voltage probe, just the right accessories for oscilloscope work in education, design, performance verification or calibration.

Model 76-270, Oscilloscope Kit is suitable for instruments from Agilent®, B&K Precision®, LeCroy®, Tektronix® and many others. Find this and other instrument accessories at our web site www.mcmelectronics.com.

APPLICATIONS:

- R&D Laboratories
- Production Test Stations
- Service & Repair Facilities
- Educational Test Benches
- Field Testing

KIT CONTENTS:



Item.	Description	Model	Qty.	Frequency Range	VSWR Max.
1.	BNC Cable Assembly, 100cm (40")	76-556	1	DC - 1 GHz	1.20:1 @ 1 GHz
2.	BNC Cable w/IC Clips, 100cm (40")	76-570	1	DC - 1 GHz	N/A
3.	BNC Tee, female-male-female	76-512	1	DC - 4 GHz	N/A
4.	BNC female to Double Banana Plugs	76-550	1	N/A	N/A
5.	BNC male Terminator, 50 Ω , 1/2 W	76-586	1	DC - 500 MHz	N/A
6.	Switchable Probe 1x/10x/REF	76-102	1	DC - 100 MHz	N/A

SPECIFICATIONS:

Cables & Connectors:

- Impedance - 50 Ω
- Frequency Range - see table
- VSWR Max - see table
- Working temperature - -20° to +80° C
- Connectors: BNC
 - Body - Brass, Nickel Plated
 - Dielectric - PTFE & Delrin®
 - Center Contact - Brass, Gold Plated

Switchable 1x/10x/REF Probe:

- 10x Position
 - Attenuation ratio - 10x (10:1)
 - Bandwidth - DC to 200MHz
 - Rise time - 1.8 nS
 - Compensation range - 10 to 35 pF
 - Input resistance - 10M Ω
 - Input capacitance - 14 pF
 - Max. input voltage - 600 V CAT I (DC+Peak AC)
Derated with frequency
- 1x Position
 - Attenuation ratio - 1x (1:1)
 - Bandwidth - DC to 10MHz
 - Rise time - 35 nS
 - Compensation range - n/a
 - Input resistance - 1M Ω
 - Input capacitance - 90 pF
 - Max. input voltage - 600 V CAT I (DC+Peak AC)
- Working temperature - +55° C
- Cable length - 1.2 m

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