

# AWG 610 High Performance Arbitrary Waveform Generator



#### **Applications**

**Disk Drive Read/Write Design and Test** – Head, Pre-amplifier, Read/Write and servo test.

## Communications Design and Test –

The AWG 610 generates predefined waveforms that simulate pseudo random bit streams (PRBS) for physical layer testing to the following electrical standards:

T1.102	Fibre Channel	SDH/Sonet	Misc	
STM1E STS-# FC1063E		OC/STM16	D2	
STS-1	FC531E	OC36	D1	
DS4NA	FC266E	OC24	FDD1	
DS3	FC133E	OC18	100 Base-TX	
DS2		OC12/STM4	Gigabit Ethernet	
DS1/1C/1A	L.	OC3/STM1		
		OC1/STM0		
	T1.102 STS-# STS-1 DS4NA DS3 DS2 DS1/1C/1A	T1.102         Fibre Channel           STS-#         FC1063E           STS-1         FC531E           DS4NA         FC266E           DS3         FC133E           DS2         DS1/1C/1A	T1.102         Fibre Channel         SDH/Sonet           STS-#         FC1063E         OC/STM16           STS-1         FC531E         OC36           DS4NA         FC266E         OC24           DS3         FC133E         OC18           DS2         OC12/STM4           OS1/1C/1A         OC3/STM1           OC1/STM0         OC1/STM0	

Applications include characterization of designs for new and emerging standards by simulating "real" physical layer conditions. Margin testing includes nominal and impaired signals that simulate amplitude and timing impairments like:

- Cross talk
- Intersymbol effects
- Reflections
- Ground Bounce
- Noise simulations
- Jitter testing, and more.

#### Pulse generation -

Duty cycle ranges from 0% to 100% for NRZ data.

Testing clock/gating width variations.

### FEATURES AND BENEFITS

Sample Rate to 2.6 GS/s Tests High-speed Devices and Subsystems

Output Bandwidths Available to Over 800 MHz

Record Length to 8 M Words for Longest Signal Playtimes

Vertical Resolution 8 Bits for Precise Signal Replication

Channel 1 and Complementary Output

Marker Output 2 per Channel, Variable and Complementary for Mixed Signals

400 fs Resolution Edge Shift Control for Greater Timing Precision

#### FAMILY FEATURES

**Direct Waveform Transfers from DSO** 

File Transfers from GPIB, Floppy Disk, or 10 Base-T Ethernet

On-Screen Waveform Creation and Editing for Ease-of-Use

Arbitrary or Standard Waveform Generation for Flexible Use

Unique Real-Time Sequencing Effectively Extends Records for Virtually Infinite Record Lengths

Programmable via GPIB and 10 Base-T Ethernet

Built-in Hard Drive for Mass Data Storage

Real-world simulations –	These instruments can simu- late "real-world" signal
Corrupt ideal waveforms.	impairments such as Noise,
Timing and amplitude signal	Jitter, Fading and more.
impairments.	Their unique design inte-
Jitter profiles.	grates a graphical editing dis-
Playback captured waveform	play with the most powerful
by a DPO or DSO.	hardware output capabilities
Replace standard function	available. This allows on-
and sweep generators in wide	screen viewing of waveform
range of applications.	editing and simplifies "what-
<b>High Performance AWG Family</b>	if" test scenarios by easily
The High performance AWG family of Arbitrary Genera-	allowing the creation of com-
tors from Tektronix can cre-	posite signals. The family
ate ideal signals conforming	uses a graphical user inter-
to specific standards or "real-	face to overcome the histori-
world" signals with speed,	cal difficulties associated
precision and ease. They pro-	with developing arbitrary and
vide the highest clock speeds	complex waveforms. Several
from 1 GS/s to 2.6 GS/s, 10 or	intuitive and powerful tech-
8 bit DAC resolution and up	niques are built-in to develop
to 8 Mega bytes of memory	and edit custom waveforms.
depth. They combine wave-	<b>AWG 610</b>
form generation and editing	As a premier member of the
in one package that enables	Tektronix family of arbitrary
you to:	generators, the AWG 610 is
• create a waveform from	an easy-to-use, high perfor-
scratch	mance, flag-ship product.
• automatically transfer a	The AWG 610 provides the
waveform from a DPO	world's fastest and deepest
or DSO	memory with its 2.6 GS/s
• download signals created	sample clock rate and
via computer simulation	8 Mega-points of execution
tools	memory.

ıu-	The AWG 610 provides up to 2 V output or 4 V into a dif-
e,	ferential input with the
	complementary output with
	460 MHz bandwidth at nor-
lis-	mal mode (1 V output or 2 V
ul	into differential input with
ies	the complementary output
	direct out) each with 8 Pits
m	vertical resolution The
nat-	AWC 610 also provides
	2-channels complementary
m-	2.5 V variable marker
	$(Tr/Tf : <150 \text{ ps } @ 2 \text{ V}_{p m})$
- ri_	data 100 ps deskew resolu-
	tion at up to 2.6 GHz.
and	System Canaidanations
ral	
h-	The high performance AWG
lop	610 is fully programmable
IS.	via GPID. For throughput crit-
	610 is also programmable via
	the 10-Base-T Ethernet port
ie	and provides an order of
ry s	magnitude faster data trans-
5 	fers. Its GPIB reduces the pro-
	gramming effort required. As
е	a result, it is the ideal addi-
t	tion to provide standard and
	arbitrary waveform genera-
	tion for your system environ-
n	ment. An optional rack
	mount is available for easy
	naruware integration into
	your test system.

AWG 610	ARBITRARY WAVE	FORMS	INTERNAL TRIGGER	R GENERATOR
Characteristics		Waveform Length – 512 to 8,100,032 points in multiples of eight. Sequence Length – 1 to 8,000 steps. Sequence Repeat Counter – 1 to 65 536		Internal Trigger Rate – Range: 1.0 µs to 10.0 s. Resolution: 3 digits, 0.1 µs minimum. Accuracy: ±0.1%.
		or infinite.	MAIN OUTPUT	
	or infinite.         CLOCK GENERATOR         Sampling Frequency – 50.000000 kHz to 2.6000000 GHz.         Resolution – 8 digits.         Internal Clock – Accuracy: ±1 ppm.         Phase Noise – (data clock is 1/4th of the output sample rate)         At 650 MHz, 10 kHz offset:-80 dBc/Hz.         At 650 MHz, 10 kHz offset:-100 dBc/Hz.         OPERATING MODES         Continuous – Waveform is iteratively output. If a sequence is defined, the sequence order and repeat functions are applied.         Triggered – Waveform is output only once when an external, internal GPIB and LAN, or manual trigger is received.         Gated – Waveform begins output when gate is true and resets to beginning when false.         Enhanced – Waveform is output as defined by the sequence.	MAIN OUTPUT	Output Signal – Complementary; CH1 and channel/inverse. Digital to Analog Converter – Resolution: 8 bits. Differential Non-Linearity: ± 1/2 bit. Integral Non-Linearity: ±1 bit. Output Connector – Front Panel SMA. Amplitude – Output Voltage: –2.0 V to +2.0 V into 50 Amplitude: 20 mV to 2.0 V into 50 Resolution: 1 mV. DC Accuracy: ±(1.5% of Amplitude + 2 mV)	
			Offset = 0 V. Offset = Range:-1.000 V to $\pm 1.000$ V into 50 . Resolution: 1 mV. Accuracy: $\pm (1\% \text{ of offset} \pm 10 \text{ mV})$ at amplitude = 20 mV.	

AWG 610 Characteristics Continued		Pulse Response (-1 and 1 waveform data, 0 V offset, Through filter at $1V_{p-p}$ ): Rise time (10 to 90%): $\leq$ 750 ps. Fall time (10 to 90%): $\leq$ 750 ps. Aberrations (at 1000 MHz): At 1.0 $V_{p-p}$ Amplitude: $\pm$ 10%. Flatness (after 20ns from rise/fall edge): $\pm$ 3%. Sinewave Characteristics (2.6 GS/s clock, 32 waveform points, 81.25 MHz signal fre- quency, 0.5 V amplitude, 0 V offset, Through filter)- Harmonics $-\leq$ -40 dBc, DC to 800 MHz. Noise $-\leq$ -50 dBc, DC to 800 MHz. Phase Noise $-\leq$ -85 dBc/Hz at 10 kHz offset.	Accuracy – Within ± 0.1 V +5% of setting.Rise/Fall Time (20 to 80%) – 150ps $(2V_{p-p}, Hi +1V, Lo -1V)$ into 50 .Variable Delay – Range: 0 ns to +1.5 ns. Accuracy:-30% to +10% at 1.5ms setting. Resolution: 100 ps. Marker Skew: 70 ps (typical).Connector – Front-panel SMA. 10 MHz Reference Clockout – Amplitude: ≥1V_{p-p} into 50 . Max 3V_{p-p} open. Impedance: 50 , AC coupling. Connector: Rear-panel BNC.1/4 Clock Out – Level: ECL 100 K compatible.
	FII TER		
		<b>Type –</b> 20, 50, 100, 200 MHz Bessel	Connector: Rear-panel BNC.
		low-pass.	Trigger In –
		<b>Rise time (10 to 90%) –</b> 20 MHz, 17 ns; 50 MHz, 7.0 ns; 100 MHz, 3.5 ns; 200 MHz, 1.75 ns.	Impedance: 1 k or 50 . Polarity: POS or NEG. Input Voltage Range – 1 k or 10 V
		Delay from trigger – 20 MHz, 50 ns + 22 clock; 50 MHz, 40 ns + 22 clock; 100 MHz, 35 ns + 22 clock; 200 MHz, 33 ns	50 : ±5 V. Threshold –
		+ 22 clock; Through, 30 ns + 22 clock.	Level:-5.0 V to 5.0 V.
	DIRECT DA OUT Amplitude	<b>.</b>	Resolution: 0.1 V. Accuracy: ±(5% of level + 0.1 V). Pulse Width (0.2 V amplitude): 10 ns
		<b>Solution</b> $20 \text{ m}^{1}$ $10.5 \text{ V}$ to $10.5 \text{ V}$ into $10.5 \text{ V}$	Trigger Holdoff: ⊵576 clock + 450 ns. Delav to Marker: 28ns + 22 clock
		Amplitude – $20 \text{ mV}_{p-p}$ to 1.0 V <sub>p-p</sub> into 50 .	Delay to Analog Out: (typical)
		<b>Resolution –</b> $1 \text{ mv}$ .	(filter through)
		+ 2 mV).	30 ns + 22 clock (trigger)
		Offset – no function.	Connector: Rear-panel BNC.
		DC Offset Accuracy - 0 V ±10 mV	Event Trig Input –
		(waveform data = 0).	Number of Events: 4 bits.
		Pulse Response (-1 and 1 waveform data,	Input Signals: 4 event bits, strobe.
		at 0.5 $V_{p-p}$ –	Pulse Width: 128 clocks minimum
		Fall time (10 to 90%): $\leq$ 400 ps.	Maximum Input: 0 V to +5 V (DC
		Output Impedance – 50	+ peak AC).
			Delay to Analog Out: 850 clock + 20ns
	MARKER		Impedance 2.2 k , pull-up to +5 V.
		Number – 2 (complementary).	Connector: Rear-panel 9-Pin D-sub.
		Level –	Reference 10 MHz Clock IN –
		Hi/Lo – 1.1 V to 3.0 V into 50	Input Voltage Range: 0.2 V to 3.0 V <sub>p-p</sub> ,
		(Max. 2.5 V <sub>p-p</sub> ).	±10 v maximum. Impedance: 50 AC coupled
		-2.2 V to 6.0 V into 1 M . (Max. 5 V <sub>p-p</sub> ).	Frequency Range: 10 MHz ±0.1 MHz.
		Resolution – 0.05 V.	Connector: Rear-panel BNC.
AWC 610			Altitudo
AWG 010		<b>Area</b> – 13.2 cm (5.2 in ) horizontal by	Operating: Up to 4.500 m. (15.000 ft). Maxi-
General		9.9 cm (3.9 in.) vertical.	mum operating temperature decreases 1°C
Characteristics		Resolution – 640 horizontal by 480 vertical	per 300 m above 1.5 km.
		pixels.	Non-operating: Up to 15,000 m (50,000 ft.).
	DATA STORAGE		Operation (lest limits) –
		Internal Hard disk Drive – 2.1 Gbytes.	10 minutes.
		(standard)	Non-operating: 2.28 g RMS from 5 to
		1 44 Mbytes	500 HZ, 10 minutes.
		<b>Option 10 –</b> Flash Disk replaces HDD, 78Mbytes.	Non-operating: 294 m/s <sup>2</sup> (30 g), half-sine, 11 ms duration.
	ENVIRONMENTAL	, EMC, SAFETY	EMC Compliance –
	· · · · · · · · · · · · · · · · · · ·	Temperature –	EN50081-1., EN50082-1.
		Operating: 10°C to +40°C.	AS/NZS 20641/2.
		Non-operating: -20°C to +60°C.	Safety Compliance –
		Humidity –	EN61010-1 with second amendment.
		Operating: 20 to 80%, non-condensing.	
		sporating, o to 7070, non condensing.	

AWG 610         Source Power - Line Youlding Range: 100 to 240 VAC. Line Frequency: 48 to 63 Hz.         One year parts and labor.           PhysicAL CHARACTERISTICS         Dimensions         mm         n.           Height         178         7.6           Weight         kg         b.           Weight         kg         b.           Met         173         7.5           AWG 610         2.6 CS/s, Single-channel Arbitrary Watedfm Genator.         50         SMA Cable (1.0 m) = 174-1341-00.           AWG 610         2.6 CS/s, Single-channel Arbitrary Watedfm Genator.         50         SMA Cable (1.0 m) = 174-1341-00.           SMA Precision Cable (2.6 m)         nnchudes: User Manual (071-0554-00). Pro- gramming Examples Disk (063-3217-00). Sample Waterim Lithary Disk (063-200. Dintrantarian 200 V, 50 Hz. Op	AWG 610	POWER				WARRANTY		
AWG 610         Line Voltage Range: 100 to 240 VAC. Line Frequency: 48 to 63 Hz.         OTHER           Pursical Characteristics Continued         Power Consumption - 600 W at B A.         Frequency: 48 to 63 Hz.           Pursical Characteristics Continued         Dimensions Pursical Range Medght         Inc.           Pursical Characteristics Continued         Programmable Interface - CPIE: 24-Pin LEBE-88 L connector.         CPIE: Contention           Pursical Characteristics Contention         Programmable Interface - CPIE: 24-Pin LEBE-88 L connector.         CPIE: 24-Pin LEBE-88 L connector.           Weight         kg         Ib.         Connector         CPIE: 24-Pin LEBE-88 L connector.           Weight         kg         Ib.         Connector         CPIE: 24-Pin LEBE-88 L connector.           Weight         kg         Ib.         Connector         CPIE: 24-Pin LEBE-88 L connector.           Weight         kg         Ib.         Connector         CPIE: 24-Pin LEBE-88 L connector.           AWG 610         2.6 CS/s. Single-channel Arbitrary Waveform Centrator.         Single-channel Arbitrary Waveformance Verificator.         Sin	General		Source Power –			One year parts and labor.		
Continued       Power Consumption - 600 W at B A.         PHYSICAL CHARACTERISTICS         Dimensions       nm         Weight       17         Height       17         Net       17         AWG 610       2.6 GS/s, Single-channel Arbitrary         Warderin Generator.       So         Net       17         Net       17         Note of Consumption - 600 W at B A.         Weight       kg         Net       17         Net       17         Note of Consumption - 600 Programmer Manual (071-0554-00), Programmer Manual (071-0554-00), CPIB Programmer Manual (071-0554-00), Sample Waveform Library Disk (063-217-00), Sample Waveform Library Disk (063-200, CMB Procession Cable (2 ns) - 015-000, Sample Waveform Library Disk (063-200, CMB Procession Cable (2 ns) - 015-000, Sample Vaveform Diver Cord Options         Option 03 - Cast Data, Requires C3.       Option 14 - North American 240 V, 50 Hz.         Option 14 - North American 240 V, 50 Hz.       Option 14 - N	Characteristics		Line Voltage Range: 100 to 240 VAC. Line Frequency: 48 to 63 Hz.				OTHER	
PHYSICAL CHARACTERISTICS       Dimensions       mn       in.         Height       178       7.6         Width       422       16.6         Depth       560       22.0         Weight       kg       b.         Net       17       37.5         AWG 610       2.6 GS/s, Single-channel Arbitrary       So       SMA Cable (0.0mclor - e-Pin mini-DIN connector.         Miner Manual (071-0554-00), Pro- gramming Examples Disk (063-3211-00), Sample Wareform Library Disk (063-3211-00), Sample Wareform Library Disk (063-3211-00), Sample Wareform Library Disk (063-3211-00), Sample Wareform Library Disk (063-3211-00), Connector - 015-1012-00.       SMA Cable (0.0mclor = 015-005-00, SMA Proecision Cable (1 ms) - 015-052-00, SMA Proecision Cable (1 ms) - 015-022-00, SMA K1 = 000-015-022-00, SMA K1 = 000-015-025-00, SMA K1	Continuea		Power Consumpt	t <b>ion –</b> 600 W a	t 8 A .		GPIB: 24-Pin IEEE488.1 connector.	
Dimensions         mm         in.           Height         178         7.6           With         422         16.6           Depth         560         22.0           Weight         kg         in.           Net         17         37.5           AWG 610         AWG 610 -         2.6 SS/s, Single-channel Arbitrary         50         SMA Cable (1.0 m) = 174-1341-00.           Ordering Information         2.6 SS/s, Single-channel Arbitrary         50         SMA Cable (60 inches) - 174 4128-00.           MWG 610 Options         Includes: User Manual (071-0554-00). Pro- grammer Manual (075-0554-00). Pro- grammer Manual (075-0554-00). Soft SMA Precision Cable (2 ns) = 015-0562-00.         SMA Precision Cable (1 ns) = 015-0562-00.           AWG 610 Options         Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         SMA Precision Cable (2 ns) = 015-0562-00.           Option 11 - Calibration data certificate. Option 12 - calibration data certificate. Option 13 - rest Data: Requires C3.         SMA Precision Cable (1 ns) = 015-052-00.           MAWG 610 Options Grow Cable (102, Si D12, Option A1 - Universal Euro 220 V, 50 Hz. Option A2 - UK 240 V, 50 Hz. Option A3 - Martalian 240 V, 50 Hz. Option A3 - Switzeriand 220 V, 50 Hz. Option A3 - Switzeriand 220 V, 50 Hz. Option A5 - Switzeriand 220 V, 50 Hz. Option A5 - Switzeriand 220 V, 50 Hz. Option A5		PHYSICAL CHARAC	CTERISTICS				Ethernet: 10Base-T, RJ-45 connector.	
Height         178         7.6           With         422         16.6           Depth         560         22.0           Weight         kg         b.           Net         17         37.5           AWG 610         AWG 610         2.6 GS/s, Single-channel Arbitrary Waveform Generator.         50         SMA Cable (1.0 m) - 174-1341-00.           Ordering Information         2.6 GS/s, Single-channel Arbitrary Waveform Generator.         50         SMA Cable (6 inches) - 174-1428-00.           Mides: User Manual (071-0555-00). GPIB Pro- grammer Manual (071-0555-00). Griton 10- Flash Disk (063-2217- 00), Performance Verification Disk (063-2217- 00), Portocer 20 Verification Disk (063-2217- 00), Performance Verificat			Dimensions	mm	in.		keydoard Connector – 6-Pin mini-DIN connector.	
Width         422         16.6           Depth         560         22.0           Weight         kg         b.           Net         17         37.5           AWG 610         AWG 610 -         2.6 GS/s, Single-channel Arbitrary         50         SMA Cable (0.0 m) – 174-1341-00.           Ordering Information         2.6 GS/s, Single-channel Arbitrary         50         SMA Cable (0.0 mches) –           Mick         17         37.5         50         SMA Cable (0.0 mches) –           Mick         174-1428-00.         50         SMA Cable (0.1 m) – 174-1341-00.           Mick         50         SMA Cable (0.1 m) – 015-056-00.         SMA Precision Cable (1 m) – 015-056-00.           Precision Cable (0 mches) –         174-1428-00.         SMA Precision Cable (1 m) – 015-056-00.           SMA Termination         SMA Termination - 015-1016-00.         SMA Termination – 015-1016-00.           AWG 610 Options         Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         SMA Termination – 015-016-00.           Option 10 - Califration data certificate.         Option 83 - Near extended repair Warranty.         SMA Cable (Low-Pass Filter – 015-0657-00.           International Power Cord Options Option A3 - Australian 240 V, 50 Hz.         Option A4 - North American 240 V, 50 Hz.           Option A4 - North American 240 V, 5			Height	178	7.6			
Depth         560         22.0           Weight         kg         h.           Net         17         37.5           AWG 610         AWG 610 -         2.6 GS/s, Single-channel Arbitrary Waveform Generator.         50         SMA Cable (1.0 m) - 174-1341-00.           Ordering Information         2.6 GS/s, Single-channel Arbitrary Waveform Generator.         50         SMA Cable (0 inches) - 174-1428-00.           Includes: User Manual (071-0554-00), Pro- grammer Manual (071-0555-00), GPIB Pro- gramming Examples DIsk (063-3217- 00), Performance Verification DIsk (063- 3218-00), Power Cable (U.S. 115 V), Fuse (15:0657-00.         SMA Precision Cable (5 ns) - 015-056-00.           AWG 610 Options         Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         SMA Free Second Divider - 015-1014-00.           Option 03 - Tast Data; Requires C3. Option 03 - a Service: 3 years of Calibration services.         Option 10 - Calibration data certificate. Option A3 - Australian 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A4 - North American 240 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz. Option A5 - Olicerland 240 V, 50 Hz. Option A5 - Olicereal colicereal colicer 240 V, 50 Hz. Option A5 - Olicereal coli			Width	422	16.6			
Weight         kg         b.           Net         17         37.5           AWG 610         2.6 GS/s, Single-channel Arbitrary Waveform Generator.         50         SMA Cable (30 nches) – 174.1428-00.           Information         Cordering Waveform Generator.         50         SMA Cable (30 nches) – 174.1428-00.           Information         Status (307-055-00). GPIB Pro- gramming Examples Disk (063-3217- 00). Performance Verification Service: 3 years of Calibration services.         SMA Tecsion Cable (3n p- 015-0554-00. SMA (Te) – 015-0052-00. SMA (Te) – 015-0052-00. SMA (Te) – 015-005-00. SMA (Te) – 015-005-00. To Disk te RNL Low-Pass Filter – 015-0055-00. Protective Cover – 200-3696-01. GPIB Cable – 012-0991-01. So BNC Cable – 012-1342-00. So BNC Cable – 012-1342-00. So BNC Cable – 012-1342-00. So BNC Cable – 012-1342-00. So SMA Cable (2 Te) – 013-1458-00.			Depth	560	22.0			
Net         17         37.5           AWG 610 Ordering Information         AWG 610 -         50         SMA Cable (1.0 m) - 174-1341-00.           Awy of or Generator. Includes: User Manual (071-055-00), OFIB Pro- gramming Examples Disk (063-3216-00), Sample Waveform Library Disk (063-3217- 00), Performance Verification Disk (063- 3218-00), Power Cable (U.S. 115 V), Fuse (159-0407-00).         50         SMA Cable (60 inches) - 174-1128-00.           AWG 610 Options         Option 10- Flash Disk (063-3217- 00), Performance Verification Disk (063- 3218-00), Power Cable (U.S. 115 V), Fuse (159-0407-00).         SMA Termination - 015-1022-00.           AWG 610 Options         Option 11 - Calibration data certificate. Option 12 - Calibration data certificate. Option 33 - Test Data: Requires C3. Option 33 - Vear extended repair warranty.         SMA K1 - 020-01693-00.           International Power Cord Options         Option A1 - Universal Euro 220 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz. Option A5 - Switzerlan			Weight	kg	lb.			
AWG 610       AWG 610 -       2.6 GS/s. Single-channel Arbitrary Waveform Generator. Includes: User Manual (071-0554-00), Pro- gramming Examples Disk (063-3217- 00), Performance Verification Disk (063-3217- 00), Performance Verification Disk (063-3217- 00), Performance Verification Disk (063-3218-00), 3218-00), Power Cable (U.S. 115 V), Fuse (159-0407-00).       50       SMA Cable (0 inches) - 174-1428-00.         AWG 610 Options       Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch. Option 11 - Calibration data certificate. Option 32 - Service: 3 years of Calibration services. Option 13 - Test Data: Requires C3. Option 14 - North American 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz. Option A6 - 012-1910-10. S0       SMA Cable (10 metor - S0 SMA Cable - 			Net	17	37.5			
Avg of to         Avg of to         Avg of to         Avg of to           Ordering Information         2.6 GS/s, Sigle-channel Arbitrary Waveform Generator.         50         SMA Cable (60 int) = 1.941-100.           Includes: User Manual (071-0554-00), Pro- gramming Examples Disk (063-32116-00), Sample Waveform Library Disk (063-3217- 00), Performance Verification Disk (063- 3218-00), Power Cable (U.S. 115 V), Fuse (159-0407-00).         50         SMA Precision Cable (2 ns) = 015-056-00.           AWG 610 Options         Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.         50         SMA Precision Cable (2 ns) = 015-0561-00.           Option 110- Flash Disk (78 Mbyte) remove HDD and STBY switch.         0ption 10- flash Disk (78 Mbyte) remove HDD and STBY switch.         50         SMA Precision Cable (2 ns) = 015-0561-00.           Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.         0ption 10- flash Disk (78 Mbyte) remove HDD and STBY switch.         50         SMA Precision Cable (2 ns) = 015-051-00.           Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.         0ption 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.         SMA K1 Connector - 015-0659-00.         015-057-00.           Option 13 - Othrons 10 - Universal Euro 220 V, 50 Hz.         00 MHz BNC Low-Pass Filter - 015-0658-00.         015-0657-00.           Option A1 - Universal Euro 220 V, 50 Hz.         010 MHz BNC Low-Pass Filter - 015-0657-00.         016-1675-00.           Option A5 - Switzerland 220 V, 50 Hz.	AWC 610	AWG 610 -					<b>50</b> SMA Cable (1.0 m) $-$ 174 1341 00	
Waveform Generator.         Includes: User Manual (071-0554-00), Pro- grammer Manual (071-0554-00), GPIB Pro- gramming Examples Disk (063-3217- 00), Performance Verification Disk (063- 3218-00), Power Catle (U.S. 115 V), Fuse (159-0407-00).         SMA Precision Cable (2 ns) – 015-056-00.           AWG 610 Options         Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         SMA Precision Cable (5 ns) – 015-056-00.           Option 11 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         Option 12 - Calibration data certificate.         SMA Precision Cable (2 ns) – 015-016-00.           Option 12 - Calibration data certificate.         Option 03 - Test Data: Requires C3.         SMA Kit – 020-01693-00.           Option 33 - 3 Year extended repair warranty.         Option A1 - Universal Euro 220 V, 50 Hz.         SMA Kit – 020-01693-00.           Option A2 - WC 240 V, 50 Hz.         Option A3 - Australian 240 V, 50 Hz.         Option A3 - Australian 240 V, 50 Hz.           Option A3 - Australian 240 V, 50 Hz.         Option A3 - Australian 240 V, 50 Hz.         AC Current probe (Transformer) – 200 MHz = C12.           AWG 610 Recommended Accessories Service Manual – 071-0556-00.         AC Current probe (Transformer) – 200 MHz = C12.         AC Current probe (Transformer) – 200 MHz = C12.           AWG 610 Recommended Accessories Service Manual – 071-0556-00.         Service Manual – 071-0556-00.         AC Current probe (Transformer) – 200 MHz = C12.           Option A5 - Switzerland 220 V, 50 Hz.         AC Current probe (Transformer) – 200 MHz = C12.	Ordering		2.6 GS/s, Sinale-	channel Arbitra	arv		50 SMA Cable (60 inches) $-$	
Includes: User Manual (071-0554-00), Pro- grammer Manual (071-0555-00), GPIB Pro- grammer Manual (071-0555-00), GPIB Pro- grammer Manual (071-0555-00), SMA Precision Cable (2 ns) - 015-0562-00           SMA Precision Cable (5 ns) - 015-0562-00           SMA Precision Cable (5 ns) - 015-0562-00           Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         SMA Precision Cable (5 ns) - 015-0562-00           Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         SMA Precision Cable (5 ns) - 015-0562-00           Option 11 - Calibration data certificate. Option 13 - Rack mount.         SMA (Fe) - BMC(Fe) connector - 015-0572-00.           Option 13 - Test Data; Requires C3. Option 13 - Test Data; Requires C3. Option 14 - Universal Euro 220 V, 50 Hz. Option A2 - UK 240 V, 50 Hz. Option A2 - Australian 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A4 - North American 240 V, 60 Hz. Option A5 - Switzerland 220 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz. Option A6 - Switzerland 220 V, 50 Hz. Option A7 - Dost-00.         AC Current probe (Transformer) - 1 GHz -CT1.           AWG 610 Recommended Accessories Service Manual - 071-0556-00. Protective Cover - 200-3696-01. GPIB Cable - 012-1342-00.         Rack Mount Conversion Kit - 016-1675-00.           Som Cable - 012-1256-00. 50         SMB Cable - 012-1458-00.         WaveWriter Software - Order S3FT400.	Information		Waveform Generation	ator.	5		174-1428-00.	
grammer Manual (071-0555-00), GPIE Pro- gramming Examples Disk (063-3215-00), Sample Waveform Library Disk (063-3217- 00), Performance Verification Disk (063-3217- 00), Performance Verification Disk (063-3217- 00), Performance Verification Disk (063-3217- 00), Performance Verification Disk (063- 3218-00), Power Cable (U.S. 115 V), Fuse (159-0407-00).       SMA Precision Cable (2 ns) – 015-056-100.         AWG 610 Options       SMA Termination – 015-1014-00.       SMA Termination – 015-1014-00.         Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.       SMA Kee) – BNC(Pe) connector – 015-0554-00.       SMA Kit – 020-01693-00.         Option 11 - Calibration data certificate. Option 23 - Service: 3 years of Calibration services.       SMA Kit – 020-01693-00.       SMA Kit – 020-01693-00.         Option 13 - Test Data; Requires C3. Option 13 - Test Data; Requires C3.       Option 14 - Calibration data certificate.       SMA Kit – 020-01693-00.         Option A1 - Universal Euro 220 V, 50 Hz.       Option A2 - WC 240 V, 50 Hz.       SMA Eccessories         Option A2 - WC 240 V, 50 Hz.       Instrument Cart – K420.         Option A3 - Australian 240 V, 50 Hz.       AC Current probe (Transformer) – 1 GHz – CT1.         AWG 610 Recommended Accessories       AC Current probe (Transformer) – 2 Col MHz – CT2.         AWG 610 Recommended Accessories       AC Current probe (Transformer) – 2 Col MHz – CT2.         AWG 610 Recommended Accessories       AC Current probe (Transformer) – 2 Col MHz – CT2.         SMB Cable – 012-1452-00.       SMB Cabl	mormation		Includes: User M	lanual (071-05	54-00), Pro-		SMA Precision Cable (1 ns) – 015-0562-00.	
Sample Waveform Library Disk (063- 3218-00), Performance Verification Disk (063- 3218-00), Power Cable (U.S. 115 V), Fuse (159-0407-00).       SMA Precision Cable (5 ns) - 015-056-100.         AWG 610 Options       Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.       SMA Precision Cable (5 ns) - 015-1022-00.         Option 12 - Calibration data certificate.       Option 13 - Service: 3 years of Calibration services.       SMA Precision Cable (5 ns) - 015-1022-00.         Option 13 - Service: 3 years of Calibration services.       Option 13 - Service: 3 years of Calibration services.       SMA Kit - 020-01693-00.         Option 14 - Service: 3 years of Calibration services.       Option 13 - 1est Data; Requires C3.       O0 MHz BNC Low-Pass Filter - 015-0659-00.         International Power Cord Options warranty.       Option A2 - UK 240 V, 50 Hz.       O0 MHz BNC Low-Pass Filter - 015-0659-00.         Option A2 - UK 240 V, 50 Hz.       Option A3 - Australian 240 V, 50 Hz.       Other A2 - North American 240 V, 60 Hz.         Option A3 - Australian 240 V, 50 Hz.       Option A4 - North American 240 V, 60 Hz.       AC Current probe (Transformer) - 1 GHz -CT1.         AWG 610 Recommended Accessories Service Manual - 071-0556-00.       AC Current probe (Transformer) - 2 00 MHz - CT2.       AC Current probe (Transformer) - 2 00 HHz - CT2.         AWG 610 Recommended Accelsories Service Cover - 200-3696-01.       Ac Current probe (Transformer) - 2 0 GHz -CT6.       Ac KMount Conversion Kit - 016-1675-00.         So BNC Cable - 012-1256-00.			grammer Manual	(0/1-0555-00 blas Disk (063-	), GPIB Pro-		SMA Precision Cable (2 ns) – 015-0560-00.	
00), performance Verification Disk (063- 3218-00), Power Cable (U.S. 115 V), Fuse (159-0407-00).         SMA T Connector - 015-1016-00.           AWG 610 Options         50         SMA Power Divider - 015-1022-00.           AWG 610 Options         Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.         50         SMA Power Divider - 015-1016-00.           Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.         0ption 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.         50         SMA F Connector - 015-1016-00.           Option 11 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         SMA Kit - 015-016-00.         50         SMA Power Divider - 015-016-00.           Option 12 - Calibration data certificate.         Option 03 - Test Data; Requires C3.         015-0572-00.         015-0572-00.           Option 03 - Test Data; Requires C3.         Option 03 - Test Data; Requires C3.         015-0659-00.         015-0659-00.           Option A1 - Universal Euro 220 V, 50 Hz.         Option A2 - UK 240 V, 50 Hz.         015-0659-00.         015-0657-00.           Option A3 - Australian 240 V, 50 Hz.         Option A4 - North American 240 V, 60 Hz.         AC Current probe (Transformer) - 1 GHz -CT1.         AC Current probe (Transformer) - 200 MHz -CT2.         2 GHz -CT6.           AWG 610 Recommended Accessories Service Manual - 071-0556-00.         Service Manual - 071-0556-00.         2 GHz -CT6.         Rack Mount Conversion Kit - 016-1675-00.			Sample Waveforr	m Library Disk	(063-3217-		SMA Precision Cable (5 ns) – 015-0561-00.	
3218-00, Power Cable (U.S. 115 V), Fuse (159-0407-00).       50       SMA Termination = 015-1022-0.         AWG 610 Options       Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.       50       SMA Power Divider = 015-1014-00.         Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch.       Option 10- Calibration data certificate.       SMA (Ke) = BNC(Fe) connector = 015-0554-00.         Option 10 - Calibration data certificate.       Option 3 - Service: 3 years of Calibration services.       SMA Kit - 020-01693-00.         Option R3 - 3 Year extended repair warranty.       Option R3 - 3 Year extended repair warranty.       SMA Kit - 020-01693-00.         International Power Cord Options option R3 - Australian 240 V, 50 Hz.       Option R3 - Ware axtended repair warranty.       So SMA Rower Divider - 015-0658-00.         Option A1 - Universal Euro 220 V, 50 Hz.       Option A2 - WK 240 V, 50 Hz.       Option A3 - Australian 240 V, 50 Hz.         Option A3 - Switzerland 220 V, 50 Hz.       AC Current probe (Transformer) - 1 GHz -CT1.       AC Current probe (Transformer) - 2 OM MHz -CT2.         AWG 610 Recommended Accessories Service Manual - 071-0556-00.       Ac Current probe (Transformer) - 2 GHz -CT6.       Rack Mount Conversion Kit - 016-1675-00.         50       BNC Cable - 012-1342-00.       WaveWriter Software - Order S3FT400.         50       SMB Cable - 012-1458-00.       WaveWriter Software - Order S3FT400.			00), Performance	e Verification D	isk (063-		<b>SMA T Connector –</b> 015-1016-00.	
Sind Power Divider - 015-1014-00.         Sind Power Divider - 015-1014-00.         AW/G 610 Options         Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         Option 10 - Flash Disk (78 Mbyte) remove HDD and STBY switch.         Option 11 - Calibration data certificate.         Option 02 - Service: 3 years of Calibration services.         Option 03 - Test Data: Requires C3.         Option A1 - Universal Euro 220 V, 50 Hz.         Option A1 - Universal Euro 220 V, 50 Hz.         Option A2 - WE 240 V, 50 Hz.         Option A3 - Australian 240 V, 50 Hz.         Option A4 - North American 240 V, 60 Hz.         Option A5 - Switzerland 220 V, 50 Hz.         AC Current probe (Transformer) - 200 MHz BNC Cower - 200.3696-01.         Option A5 - Switzerland 220 V, 50 Hz.         AC Current probe (Transformer) - 200 MHz BNC Cower core Core 0.3696-01.         Option A5 - Switzerland 220 V, 50 Hz.         AC Current probe (Transformer) - 200 MHz BNC Cower core Core 0.3696-01.         Option A5 - Switzerland			3218-00), Power	Cable (U.S. 11	15 V), Fuse		<b>50</b> SMA Termination – 015-1022-00.	
AWG 610 Options Option 10- Flash Disk (78 Mbyte) remove HDD and STBY switch. Option 11 – Calibration data certificate. Option 03 – Service; 3 years of Calibration services. Option 03 – Test Data; Requires C3. Option A3 – Australian 240 V, 50 Hz. Option A4 – North American 240 V, 50 Hz. Option A5 – Switzerland 220 V, 50 Hz. Option A6 – North American 240 V, 60 Hz. Option A5 – Switzerland 220 V, 50 Hz. AWG 610 Recommended Accessories Service Manual – 071-0556-00. Protective Cover – 200-3696-01. GPIB Cable – 012-1342-00. 50 BNC Cable – 012-1342-00. 50 SMB Cable – 012-1458-00. 50 SMB tc able – 012-1458-00. 50		ANNO (10 Outlines	(139-0407-00).				<b>50</b> SMA Power Divider – 015-1014-00.	
HDD and STBY switch. Option 1R – Rack mount. Option D1 – Calibration data certificate. Option 03 – Service; 3 years of Calibration services. Option 03 – Test Data; Requires C3. Option 03 – Test Data; Requires C3. Option 03 – Test Data; Requires C3. Option 05 – Service; 3 year extended repair warranty. International Power Cord Options Option 04 – Universal Euro 220 V, 50 Hz. Option 05 – UK 240 V, 50 Hz. Option 05 – Switzerland 220 V, 50 Hz. Option 05 – Switzerland 220 V, 50 Hz. Option 05 – Switzerland 220 V, 50 Hz. AWG 610 Recommended Accessories Service Manual – 071-0556-00. Protective Cover – 200-3696-01. GPIB Cable – 012-056-00. 50 BNC Cable – 012-1458-00. 50 SMB 2cable – 012-1458-00. 50 SMB 2cable – 012-1458-00. 50 SMB 2cable – 012-1458-00.		AWG 610 Options	Option 10- Flash	Disk (78 Mbyt	e) remove		SMA(Ma) – BNC(Fe) connector – 015-0554-00.	
Option TR - Kack mount.Option TR - Kack mount.Option D1 - Calibration data certificate.Option C3 - Service; 3 years of CalibrationServices.Option D3 - Test Data; Requires C3.Option R3 - 3 Year extended repair warranty.Ot Sof 2-00.International Power Cord OptionsOption A1 - Universal Euro 220 V, 50 Hz. Option A2 - UK 240 V, 50 Hz.Option A4 - North American 240 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz.Option A5 - Switzerland 220 V, 50 Hz.Option A5 - Switzerland 220 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz.AC Current probe (Transformer) - 1 GHz -CT1.AWC 610 Recommended Accessories Service Manual - 071-0556-00. Protective Cover - 200-3696-01. GPIB Cable - 012-1932-00. 50 BNC Cable - 012-1256-00. 50 SMB Cable - 012-1256-00. 50 SMB Cable - 012-1256-00. 50 SMB Cable - 012-1458-00. 50 SMB Cable - 012-1458-00.Accurrent probe (Transformer) - 200 MHz - CT2.Service Manual - 071-0556-00. So BNC Cable - 012-1458-00. 50 SMB Cable - 012-1458-00.Rack Mount Conversion Kit - 016-1675-00. WaveWriter Software - Order S3FT400.			HDD and STBY switch.				SMA(Fe) – BNC(Ma) connector –	
Option D1 - Calibration data definitate.Out of the Clow-Pass Filter - 015-0659-00.Option D3 - Test Data; Requires C3. Option R3 - 3 Year extended repair warranty.Option R3 - 3 Year extended repair 015-0658-00.International Power Cord Options Option A1 - Universal Euro 220 V, 50 Hz. Option A2 - UK 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A4 - North American 240 V, 60 Hz. Option A5 - Switzerland 220 V, 50 Hz.Oto MHz BNC Low-Pass Filter - 015-0658-00.Option A5 - Switzerland 220 V, 50 Hz. Option A5 - Switzerland 220 V, 50 Hz.AC Current probe (Transformer) - 1 GHz - CT1.AWG 610 Recommended Accessories Service Manual - 071-0556-00. Protective Cover - 200-3696-01. GPIB Cable - 012-1342-00. 50 BNC Cable - 012-1458-00. 50 SMB Cable - 012-1458-00.Additional Accessories AC Current probe (Transformer) - 2 GHz - CT6.WaveWriter Software - Order S3FT400.WaveWriter Software - Order S3FT400.			Option IR – Rack	( MOUNT.	rtificato		SMA Kit - 020-01693-00	
Option D3Test Data; Requires C3. Option R3 - 3 Year extended repair warranty.200 MHz BNC Low-Pass Filter - 015-0658-00.International Power Cord Options Option A1 - Universal Euro 220 V, 50 Hz. Option A2 - UK 240 V, 50 Hz. Option A3 - Australian 240 V, 50 Hz. Option A4 - North American 240 V, 60 Hz. Option A5 - Switzerland 220 V, 50 Hz.200 MHz BNC Low-Pass Filter - 015-0657-00.AWG 610 Recommended Accessories Service Manual - 071-0556-00. Protective Cover - 200-3696-01. GPIB Cable - 012-1991-01.AC Current probe (Transformer) - 2 GHz -CT1.AWG 610 Recommended Accessories Service Manual - 071-0556-00. D SIME Cable - 012-1342-00. 50 SIME Cable - 012-1458-00. 50 SIME Cable - 012-1458-00. 50 SIME Cable - 012-1458-00.Rack Mount Conversion Kit - 016-1675-00.Service Cable - 012-1458-00. 50 SIME Cable - 012-1458-00. 50 SIME cable - 012-1458-00.WaveWriter Software - Order S3FT400.			Option C3 – Serv	ice; 3 years of	Calibration		<b>400 MHz BNC Low-Pass Filter –</b> 015-0659-00	
Option R3 – 3 Year extended repair warranty.Oftion R3 – 3 Year extended repair warranty.International Power Cord Options Option A1 – Universal Euro 220 V, 50 Hz. Option A2 – UK 240 V, 50 Hz. Option A3 – Australian 240 V, 50 Hz. Option A4 – North American 240 V, 60 Hz. Option A5 – Switzerland 220 V, 50 Hz.100 MHz BNC Low-Pass Filter – 015-0657-00. Instrument Cart – K420.Additional Accessories Option A5 – Switzerland 220 V, 50 Hz.AC Current probe (Transformer) – 1 GHz –CT1.AWG 610 Recommended Accessories Service Manual – 071-0556-00. Protective Cover – 200-3696-01. GPIB Cable – 012-0991-01. 50 BNC Cable – 012-1256-00. 50 SMB Cable – 012-1256-00. 50 SMB Cable – 012-1458-00. 50 SMB Cable – 012-1458-00. 50 SMB Cable – 012-1458-00.Acc urrent probe (Transformer) – 2 GHz –CT0. Rack Mount Conversion Kit – 016-1675-00. WaveWriter Software – Order S3FT400.			Option D3 – Test	Data; Requires	s C3.		200 MHz BNC Low-Pass Filter –	
Not own 2 min 2 but 2 by 2 min 2 bit			Option R3 – 3 Ye	ar extended re	pair		015-0658-00.	
International Power Cord optionsOption A1 – Universal Euro 220 V, 50 Hz. Option A2 – UK 240 V, 50 Hz.Instrument Cart – K420.Option A3 – Australian 240 V, 50 Hz.AC Current probe (Transformer) – 1 GHz –CT1.Option A4 – North American 240 V, 60 Hz. Option A5 – Switzerland 220 V, 50 Hz.AC Current probe (Transformer) – 200 MHz –CT2.AWG 610 Recommended Accessories Service Manual – 071-0556-00. Protective Cover – 200-3696-01. GPIB Cable – 012-0991-01.AC Current probe (Transformer) – 200 MHz –CT2.BNC Cable – 012-0991-01. 50 BNC Cable – 012-1342-00. 50 SMB Cable – 012-1458-00. 50 SMB Cable – 012-1458-00.WaveWriter Software – Order S3FT400.		International Dow	warranty.				015-0657-00.	
Additional Accessories          Option A2 – UK 240 V, 50 Hz.       Additional Accessories         Option A3 – Australian 240 V, 50 Hz.       AC Current probe (Transformer) –         Option A4 – North American 240 V, 60 Hz.       A C Current probe (Transformer) –         Option A5 – Switzerland 220 V, 50 Hz.       AC Current probe (Transformer) –         AWG 610 Recommended Accessories       AC Current probe (Transformer) –         Service Manual – 071-0556-00.       2 GHz –CT6.         Protective Cover – 200-3696-01.       Rack Mount Conversion Kit –         GPIB Cable – 012-0991-01.       016-1675-00.         50       BNC Cable – 012-1342-00.         50       SMB Cable – 012-1458-00.         50       SMB Cable – 012-1458-00.         50       SMB Cable – 012-1458-00.			Option A1 – Univ	ersal Euro 220	V. 50 Hz.		Instrument Cart – K420.	
Option A3 – Australian 240 V, 50 Hz.AC Current probe (Transformer) – 1 GHz –CT1.Option A4 – North American 240 V, 60 Hz.1 GHz –CT1.Option A5 – Switzerland 220 V, 50 Hz.AC Current probe (Transformer) – 200 MHz –CT2.AWG 610 Recommended AccessoriesAC Current probe (Transformer) – 200 MHz –CT2.Service Manual – 071-0556-00.2 GHz –CT6.Protective Cover – 200-3696-01.Rack Mount Conversion Kit – 016-1675-00.GPIB Cable – 012-0991-01.016-1675-00.50BNC Cable – 012-1342-00.50SMB Cable – 012-1458-00.50SMB Cable – 012-1458-00.50SMB Cable – 012-1458-00.50SMB Cable – 012-1458-00.50SMB Cable – 012-1458-00.			Option A2 – UK 2	240 V, 50 Hz.	1,00112	Additional Acce	ssories	
Option A4 – North American 240 V, 60 Hz.         AC Current probe (Transformer) –           Option A5 – Switzerland 220 V, 50 Hz.         200 MHz – CT2.           AWG 610 Recommended Accessories         AC Current probe (Transformer) –           Service Manual – 071-0556-00.         2 GHz –CT6.           Protective Cover – 200-3696-01.         Rack Mount Conversion Kit –           GPIB Cable – 012-0991-01.         016-1675-00.           50         BNC Cable – 012-1342-00.           50         SMB Cable – 012-1256-00.           50         SMB Cable – 012-1458-00.           50         SMB Cable – 012-1458-00.           50         SMB Cable – 012-1458-00.			Option A3 – Aust	ralian 240 V, 5	0 Hz.		AC Current probe (Transformer) –	
AWG 610 Recommended Accessories       AC Current probe (Transformer) –         Service Manual – 071-0556-00.       2 GHz –CT6.         Protective Cover – 200-3696-01.       Rack Mount Conversion Kit –         GPIB Cable – 012-0991-01.       016-1675-00.         50       BNC Cable – 012-1342-00.         50       BNC Cable – 012-1256-00.         50       SMB Cable – 012-1458-00.         50       SMB Cable – 012-1458-00.         50       SMB Cable – 012-1458-00.			Option A4 – Nort Option A5 – Swit	h American 24 zerland 220 V,	0 V, 60 Hz. 50 Hz.		AC Current probe (Transformer) – 200 MHz –CT2	
Service Manual - 071-0556-00.       2 GHz -CT6.         Protective Cover - 200-3696-01.       Rack Mount Conversion Kit -         GPIB Cable - 012-0991-01.       016-1675-00.         50       BNC Cable - 012-1342-00.         50       BNC Cable - 012-1256-00.         50       SMB Cable - 012-1458-00.         50       SMB Cable - 012-1458-00.         50       SMB Cable - 012-1458-00.		AWG 610 Recomm	WG 610 Recommended Accessories				AC Current probe (Transformer) –	
Protective Cover – 200-3696-01.         Rack Mount Conversion Kit –           GPIB Cable – 012-0991-01.         016-1675-00.           50         BNC Cable – 012-1342-00.         WaveWriter Software – Order S3FT400.           50         BNC Cable – 012-1256-00.         SMB Cable – 012-1458-00.           50         SMB Cable – 012-1458-00.         SMB Cable – 012-1458-00.			Service Manual -	<b>-</b> 071-0556-00	).		2 GHz –CT6.	
GPIB Cable – 012-0991-01.       016-1675-00.         50       BNC Cable – 012-1342-00.       WaveWriter Software – Order S3FT400.         50       BNC Cable – 012-1256-00.       SMB Cable – 012-1458-00.         50       SMB Cable – 012-1458-00.       SMB Cable – 012-1458-00.			Protective Cover	r <b>–</b> 200-3696-0	)1.		Rack Mount Conversion Kit –	
50         BNC Cable - 012-1342-00.         wavewriter Software - 010er 33F1400.           50         BNC Cable - 012-1256-00.         50           50         SMB Cable - 012-1458-00.         50           50         SMB.to.BNC Cable - 012-1458-00.         50			GPIB Cable – 012	2-0991-01.			U16-16/5-00. WayoWriter Software Order S2ET400	
50         BNC Cable = 012-1256-00.           50         SMB Cable = 012-1458-00.           50         SMB-to-BNC Cable = 012 1459-00.			50 BNC Cable	- 012-1342-00	).		wavewriter softwale - Order SSF1400.	
50 SIMB Cable - 012-1458-00. 50 Simb to BNC Cable - 012 1459 00			50 BNC Cable	- 012-1256-00	J.			
50 N/(K-TO-K/W) = 2010 = 1117 = 1/(59/10)			50 SMB Cable	- 012-1458-0	U.			
50 = 1100000000000000000000000000000000000			50 BNC Tormir	c cable - 012	-1459-00. 1040-01			
50  BNC Power Divider  = 011-0049-01.			50 BNC Dowor	<b>Divider</b> = 011-0	-047-01. -0660-00			
$50  ext{ SMA Cable (20 inches)} = 0.05000000000000000000000000000000000$			50 SMA Cable	(20 inches) -	-0000-00.			

174-1427-00.

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