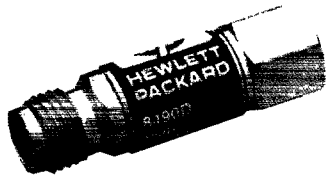


MICROWAVE TEST ACCESSORIES

Coaxial Fixed Attenuators, Blocking Capacitor, 2.4 mm Instrument, Grade Connectors, Harmonic Mixers (cont'd)

HP 8490 Series, 11581/2/3, 11742A, 11970 Series, 33392/3 Series



HP 8490 Series



HP 8492 Series



HP 8493A/B/C Series

Ordering Example

Include appropriate frequency range/connector and attenuation designations from the ordering example below with every attenuator order.

8491B Option 010

Connectors and Frequency Range

- 0D: 2.4 mm (m,f), dc to 50.0 GHz
 - 1A: Type N (m,f), dc to 12.4 GHz
 - 1B: Type N (m,f), dc to 18 GHz
 - 1C: Type N (m,f), dc to 18 GHz
 - 2A: APC-7, dc to 18 GHz
 - 3A: SMA (m,f), dc to 12.4 GHz
 - 3B: SMA (m,f), dc to 18 GHz
 - 3C: 3.5 mm (m,f), dc to 26.5 GHz
 - 8A: Type N (m,f), dc to 18 GHz
- 8498 is available in a 30-dB model only

Attenuation

- 003: 3 dB
- 006: 6 dB
- 010: 10 dB
- 020: 20 dB
- 030: 30 dB
- 040: 40 dB*
- 050: 50 dB**
- 060: 60 dB**

*Not available for HP 8493A/B
**Not available for HP 8493A/B/C and HP 8490D

Ordering Information

- HP 11581A 3, 6, 10, 20 dB HP 8491A set
- HP 11582A 3, 6, 10, 20 dB HP 8491B set
- HP 11583A 3, 6, 10, 20 dB HP 8492A set
- HP 11583C 3, 6, 10, 20 dB HP 8493C set

Price
\$450
\$550
\$1,050
\$950

HP 8490D, 8491A/B/C, 8492A, 8493A/B/C, 8498A, Option 890 Specifications

Freq Range (GHz)	Conn (m,f)	Model	SWR (max)	Power	Attenuation Accuracy										Price
					3 dB Opt 003	6 dB Opt 006	10 dB Opt 010	20 dB Opt 020	30 dB Opt 030	40 dB Opt 040	50 dB Opt 050	60 dB Opt 060			
dc to 12.4	Type N Type N SMA	8491A	dc to 8 GHz: 1.2 8 to 12.4 GHz: 1.3	2 W avg 100 W peak	dc to 12.4	±0.3	±0.4	±0.6	±0.6	±1.0	±1.5	±1.5	±2	\$125	
		Opt 003				Opt 006	Opt 010	Opt 020	Opt 030	Opt 040	Opt 050	Opt 060	\$210		
		Opt 003				Opt 006	Opt 010	Opt 020	Opt 030	Opt 040	Opt 050	Opt 060	\$120		
dc to 18	Type N Type N Type N Type N SMA	8491B	dc to 8 GHz: 1.2 8 to 12.4 GHz: 1.3 12.4 to 18 GHz: 1.5	2 W avg 100 W peak	dc to 12.4 12.4 to 18	±0.3	±0.4	±0.6	±0.6	±1.0	±1.5	±1.5	±2	\$150	
		Opt 003				Opt 006	Opt 010	Opt 020	Opt 030	Opt 040	Opt 050	Opt 060	\$210		
		Opt 003				Opt 006	Opt 010	Opt 020	Opt 030	Opt 040	Opt 050	Opt 060	\$95		
		Opt 003				Opt 006	Opt 010	Opt 020	Opt 030	Opt 040	Opt 050	Opt 060	\$145		
dc to 18 High Power	Type N	8498A	dc to 8 GHz: 1.15 8 to 12.4 GHz: 1.25 12.4 to 18 GHz: 1.30	25 W avg 500 W peak (dc to 5.8 GHz) 125 W peak (5.8 to 18 GHz) 500 W μs max per pulse						Opt 030				\$975	
		Opt 030													
dc to 26.5	3.5 mm	8493C	dc to 8 GHz: 1.1 8 to 12.4 GHz: 1.15 12.4 to 26.5 GHz: 1.25 1.27 (Opt 006 only)	2 W avg 100 W peak	dc to 18 18 to 26.5	±0.5	±0.3	±0.5	±0.7	±1.0					
						±0.6	±0.5	±0.6	±1.0	±1.3					\$250
dc to 50	2.4 mm	8490D	dc to 26.5 GHz: 1.15 (1.08 Opt 040 only) 26.5 to 40 GHz: 1.25 (1.15 Opt 040 only) 40 to 50 GHz: 1.45 (1.25 Opt 040 only)	2 W avg 100 W peak	dc to 26.5 26.5 to 50	+0.9	+0.9	+0.09	+1.3	+1.3	+1.5				
						-0.5	-0.6	-0.6	-0.8	-0.8	-0.8				
						+1.8	+1.8	+1.3	+1.7	+1.7	+2.5				
						Opt 003	Opt 006	Opt 010	Opt 020	Opt 030	Opt 040				\$375
Opt 890 Calibration Data		HP Models		Calibration Frequencies (MHz)										Opt 890 Price	
		8490D 8491A, 8493A		0.4 GHz to 50 GHz in 400 MHz steps .2 GHz to 12.4 GHz in 200 MHz steps										+ \$50 + \$20	
		8491B, 8492A, 8493B, 8498A		.2 GHz to 18.0 GHz in 200 MHz steps										+ \$25	
				1.5 GHz to 26.5 GHz in 250 MHz steps										+ \$40	

☎ For off-the-shelf shipment, call 800-452-4844.