



Tek Scopes and Vertical Amplifiers to Tek Probes Cross-Reference

RECOMMENDED PROBES

Highlighted probes are those normally shipped with the scope. For non-highlighted probes, the scope bandwidth may be limited by the probe shown. Use scope's bandwidth and probe specification chart to determine overall probe/scope bandwidth.

| | PASSIVE 1X | PASSIVE 10X | PASSIVE 1X/10X | Low-Z | HIGH VOLT. 100X | HIGH VOLT. 1000X | ACTIVE |
|---------------------|------------|---------------|----------------|---------|-----------------|------------------|----------|
| 11000 SERIES | | | | | | | |
| 11201/A | P6101A | P6134C | P6063B | | P6009 | | P6204 |
| 11A32 | P6101A | P6134C | P6063B | | P6009 | | P6204 |
| 11A33 | | P6135 | | | | | |
| 11A34 | P6101A | P6134C | P6063B | | P6009 | | P6204 |
| 11A52 | | P6156*2 | | P6156*2 | | | P6204 |
| 11A71 | | P6156*2 | | P6156*2 | | | P6204 |
| 11A72 | | P6156*2 | | P6156*2 | | | P6204 |
| SD20/22/24/26 | P6150 | P6150 | | P6150 | | | |
| 7000 SERIES | | | | | | | |
| 7A13 | | P6055 | | | | | |
| 7A15A | P6101A | P6105A | P6062B | | P6009 | P6015 | P6202A*1 |
| 7A16A | P6101A | P6106A | P6063B | | P6009 | P6015 | P6202A*1 |
| 7A18/A | P6101A | P6105A | P6062B | | P6009 | | P6202A*1 |
| 7A19 | | P6156*2 | | P6156*2 | | | P6201*1 |
| 7A22 | | P6055 | | | | | |
| 7A24 | | P6156*2 | | P6156*2 | | | P6201*1 |
| 7A26 | P6101A | P6106A | P6063B | | P6009 | | P6202A*1 |
| 7A29/P | | P6156*2 | | P6156*2 | | | P6201*1 |
| 7A42 | P6101A | P6131 | P6063B | | P6009 | | P6202A*1 |
| 7D15 | P6101A | P6106A | P6063B | | | | |
| 7D20 | P6101A | P6105A | P6053B | | | | |
| 5000 SERIES | | | | | | | |
| 5A14N | P6101A | P6102A | P6062B | | P6007 | P6015 | |
| 5A15N | P6101A | P6102A | P6062B | | P6007 | | |
| 5A18 | P6101A | P6102A | P6062B | | P6007 | | |
| 5A21N | | P6055 | | | | | |
| 5A22N | | P6055 | | | | | |
| 5A26 | | P6055 | | | | | |
| 5A38N | P6101A | P6105A | P6062B | | P6009 | | |
| 5A45 | P6101A | P6105A | P6062B | | P6009 | P6015 | |
| 5A48 | P6101A | P6105A | P6062B | | P6009 | P6015 | |
| 5D10 | P6101A | P6105A | P6062B | | P6007 | P6015 | |
| SPECIAL | | | | | | | |
| 2815 | P6101A | P6103 | P6119 | | P6009 Opt. 14 | | |
| 24XX SERIES | | | | | | | |
| 2430/A/M | P6101A | P6133 Opt. 25 | P6063B | | P6009 | P6015 | P6202A*1 |
| 2431L | P6101A | P6136 Opt. 25 | P6063B | | P6009 | P6015 | P6201A*1 |
| 2432/A/M | P6101A | P6137 | P6063B | | P6009 | P6015 | P6201A*1 |
| 2440/M | P6101A | P6137 | P6063B | | P6009 | P6015 | P6201A*1 |
| 2445 | P6101A | P6131 | P6063B | | P6009 | P6015 | P6202A*1 |
| 2445A | P6101A | P6133 Opt. 25 | P6063B | | P6009 | P6015 | P6202A*1 |
| 2445B | P6101A | P6133 Opt. 25 | P6063B | | P6009 | P6015 | P6202A*1 |
| 2455A/B | P6101A | P6136 Opt. 25 | P6063B | | P6009 | P6015 | P6202A*1 |
| 2465 | P6101A | P6131 Opt. 25 | P6063B | | P6009 | P6015 | P6201*1 |
| 2465A | P6101A | P6136 Opt. 25 | P6063B | | P6009 | P6015 | P6201*1 |
| 2465B | P6101A | P6137 | P6063B | | P6009 | P6015 | P6201*1 |
| 2467 | P6101A | P6136 Opt. 25 | P6063B | | P6009 | P6015 | P6201*1 |
| 2467B | P6101A | P6137 | P6063B | | P6009 | P6015 | P6201*1 |
| 23XX SERIES | | | | | | | |
| 2335 | P6101A | P6108A | P6119 | | P6009 Opt. 14 | P6015 | |
| 2336 | P6101A | P6108A | P6119 | | P6009 Opt. 14 | P6015 | |
| 2336YA | P6101A | P6108A | P6119 | | P6009 Opt. 14 | P6015 | |
| 2337 | P6101A | P6108A | P6119 | | P6009 Opt. 14 | P6015 | |

*1 The P6201 and P6202A active probes require probe power, which is normally supplied by the scope (either standard or optional to the scope). If probe power is unavailable, an 1101A power supply may be used to supply probe power.

| | PASSIVE 1X | PASSIVE 10X | PASSIVE 1X/10X | Low-Z | HIGH VOLT. 100X | HIGH VOLT. 1000X | ACTIVE |
|--------------------------|------------|---------------|----------------|---------|-----------------|------------------|----------|
| 22XX SERIES | | | | | | | |
| 2201 | P6101A | P6103 | P6119 | | P6007 | P6015 | |
| 2205 | P6101A | P6103 | P6119 | | P6007 | P6015 | |
| 2210 | P6101A | P6103 | P6119 | | P6009 Opt. 14 | P6015 | |
| 2211 | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 2213 | P6101A | P6122 | P6119 | | P6009 Opt. 14 | P6015 | |
| 2213A | P6101A | P6122 | P6119 | | P6009 Opt. 14 | P6015 | |
| 2214 | P6101A | P6103 | P6119 | | P6007 | P6015 | |
| 2215 | P6101A | P6122 | P6119 | | P6009 Opt. 14 | P6015 | |
| 2215A | P6101A | P6122 | P6119 | | P6009 Opt. 14 | P6015 | |
| 2220 | P6101A | P6109 Opt. 01 | P6119 | | P6009 Opt. 14 | P6015 | |
| 2221 | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 2224 | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 2225 | P6101A | P6103 | P6119 | | P6009 Opt. 14 | P6015 | |
| 2230 | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 2232 | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 2235/A | P6101A | P6109 Opt. 01 | P6119 | | P6009 Opt. 14 | P6015 | |
| 2235L | P6101A | P6122 | P6119 | | P6009 | P6015 | |
| 2236/A | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 2245/A | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 2246/A | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 2247A | P6101A | P6109 Opt. 01 | P6062B | | P6009 | P6015 | |
| 46X SERIES | | | | | | | |
| 434 | P6101A | P6105A | P6062B | | P6007 | P6015 | P6202A*1 |
| 455 | P6101A | P6105A | P6062B | | P6009 | P6015 | P6202A*1 |
| 464 | P6101A | P6105A | P6062B | | P6009 | P6015 | P6202A*1 |
| 464M | P6101A | P6104A | P6062B | | P6009 | P6015 | P6202A*1 |
| 465 | P6101A | P6105A | P6062B | | P6009 | P6015 | P6202A*1 |
| 465B | P6101A | P6105A | P6062B | | P6009 | P6015 | P6202A*1 |
| 465M | P6101A | P6104A | P6062B | | P6009 | P6015 | P6201*1 |
| 466 | P6101A | P6105A | P6062B | | P6009 | P6015 | P6202A*1 |
| 468 | P6101A | P6105A | P6062B | | P6009 | P6015 | P6202A*1 |
| 475/A | P6101A | P6106A | P6063B | | P6009 | P6015 | P6201A*1 |
| 485 | P6101A | P6106A | P6063B | | P6009 | P6015 | P6201*1 |
| 300 SERIES | | | | | | | |
| 305 | P6101A | P6149A | | | | | |
| 306 | | P6107A | | | | | |
| 309AD | P6101A | P6105A | P6062B | | P6009 | P6015 | |
| 314-336 | P6101A | P6149A | | | | | |
| 336A | P6101A | P6148A | | | | | |
| T20X SERIES | | | | | | | |
| T201/202 | P6115 | P6103 | P6119 | | | | |
| TM500/5000 SERIES | | | | | | | |
| AM 502 | | P6055 | | | | | |
| DC 503A | P6101A | P6125 | | | | | |
| DC504A/5004 | P6101A | P6125 | | | | | |
| DC509/5009 | P6101A | P6125 | | | | | |
| DC510/5010 | P6101A | P6125 | | | | | |
| DC 505/A | P6101A | P6108A | | | | | |
| DC 508/A | P6101A | P6125 | | | | | |
| SC 501, 2, 3 | P6101A | P6102A | P6062B | | P6007 | P6015 | |
| SC 504 | P6101A | P6108A | P6062B | | P6009 | P6015 | |
| SI5010 | | P6156*2 | | P6156*2 | | | P6202A*1 |

*2 The P6156 is standard with 10X attenuation. Other attenuations are available. Order Option 25 for 100X, Option 26 for 20X, Option 27 for 1X attenuation, or Option 28 which includes one each 1X, 10X, 20X, and 100X attenuation tips.

SPECIFICATION SUMMARY

| MODEL | ATTEN | LGTH**4 | LOADING | | B/W | MAX V | COMP. | R/O**5 |
|----------------|-------|---------|---------------|------------|---------|--------|--------|--------|
| | | | INPUT R M OHM | INPUT C pF | | | | |
| P6007 | 100X | 6 ft. | 10 | 2.2 | 25 | 1.5 kV | 15-55 | N |
| P6009 | 100X | 9 ft. | 10 | 2.5 | 120 | 1.5 kV | 15-47 | Y |
| P6009 Opt. 14 | 100X | 9 ft. | 10 | 2.5 | 120 | 1.5 kV | 15-47 | N |
| P6015 | 1000X | 10 ft. | 100 | 3.0 | 75 | 20 kV | 12-47 | N |
| P6053B | 10X | 6 ft. | 10 | 12.5 | 200 | 500 | 15-24 | Y |
| P6055 | 10X | 3.5 ft. | 1 | 10 | 60 | 500 | 20-47 | Y |
| P6062B | 10X | 6 ft. | 10 | 14.0 | 100 | 500 | 15-47 | Y |
| | 1X | | 1 | 105.0 | 7 | 500 | N/A | |
| P6063B | 10X | 6 ft. | 10 | 14.0 | 200 | 500 | 15-24 | Y |
| | 1X | | 1 | 105.0 | 6 | 500 | N/A | |
| P6101A | 1X | 2 m | 1 | 54.0 | 15 | 500 | N/A | N |
| P6101A Opt. 01 | 1X | 1 m | 1 | 32.0 | 34 | 500 | N/A | N |
| P6102A | 10X | 2 m | 10 | 13.2 | 60 | 500 | 36-55 | Y |
| P6103 | 10X | 2 m | 10 | 13.2 | 50 | 500 | 15-35 | N |
| P6104A | 10X | 1 m | 10 | 11.2 | 100 | 500 | 15-35 | Y |
| P6105A | 10X | 2 m | 10 | 11.2 | 100 | 500 | 15-35 | Y |
| P6106A | 10X | 2 m | 10 | 11.2 | 250 | 500 | 15-35 | Y |
| P6107A | 10X | 2 m | 10 | 13.0 | 100 | 500 | 20-51 | Y |
| P6108A | 10X | 2 m | 10 | 11.2 | 100 | 500 | 15-35 | N |
| P6109 | 10X | 2 m | 10 | 13.2 | 150 | 500 | 15-35 | Y |
| P6109 Opt. 01 | 10X | 1.5 m | 10 | 11.8 | 150 | 500 | 15-35 | Y |
| P6115 | 1X | 1.5 m | 1 | 64.0 | 5 | 42 | ANY | N |
| P6119 | 10X | 2 m | 10 | 15.3 | 100 | 500 | 15-35 | N |
| | 1X | | 1 | 120 | 8 | 350 | N/A | |
| P6122 | 10X | 1.5 m | 10 | 11.0 | 100 | 500 | 15-35 | N |
| P6125 | 5X | 1.5 m | 5 | 20.0 | 250 | 250 | 15-33 | N |
| P6130 | 10X | 2 m | 10 | 13.2 | 250 | 500 | 15-35 | Y |
| P6131 | 10X | 1.3 m | 10 | 10.8 | 300 | 500 | 14-18 | Y |
| P6133 | 10X | 2 m | 10 | 12.7 | 150 | 500 | 10-25 | Y |
| P6133 Opt. 25 | 10X | 1.3 m | 10 | 11.4 | 150 | 500 | 10-25 | Y |
| P6134C | 10X | 1.5 m | 10 | 10.5 | 400 | 500 | 12-18 | Y |
| P6135 | 10X | 1.5 m | 1 | 11.3 | 150 | 500 | 14-17 | Y |
| P6136 | 10X | 1.3 m | 10 | 10.8 | 350 | 500 | 12-18 | Y |
| P6136 Opt. 25 | 10X | 1.3 m | 10 | 10.8 | 350 | 500 | 12-18 | Y |
| P6137 | 10X | 1.5 m | 10 | 10.8 | 400 | 500 | 12-18 | Y |
| P6148A | 10X | 2 m | 10 | 13 | 50 | 500 | 20-51 | Y |
| P6149A | 10X | 2 m | 10 | 13.0 | 50 | 500 | 20-51 | N |
| P6150*3 | 10X | 1 m | 500 ohm | 0.15 | 9 GHz | 12 | 50 ohm | N |
| | 1X | | 50 ohm | N/A | 3 GHz | 42 | N/A | |
| P6156 | 10X | 1.5 m | 500 ohm | 1.0 | 3.5 GHz | 15 | 50 ohm | Y |
| P6156 Opt. 25 | 100X | 1.5 m | 5K ohm | 1.1 | 3.0 GHz | 50 | 50 ohm | Y |
| P6156 Opt. 26 | 20X | 1.5 m | 1k ohm | 1.0 | 3.5 GHz | 22 | 50 ohm | Y |
| P6156 Opt. 27 | 1X | 1.5 m | 50 ohm | N/A | 1.5 GHz | 42 | N/A | Y |
| P6201 | 100X | 6 ft. | 1 | 1.5 | 1.1 GHz | 200 | 50 ohm | Y |
| | 10X | | 1 | 1.5 | 1.1 GHz | 200 | 50 ohm | |
| | 1X | | 100K ohm | 3 | 1.1 GHz | 100 | 50 ohm | |
| P6202A | 100X | 2 m | 10 | 2 | 500 | 200 | 50 ohm | Y |
| | 10X | | 10 | 2 | 500 | 200 | 50 ohm | |
| P6204 | 10X | 1.5 m | 10 | 1.9 | 1 GHz | 40 | 50 ohm | Y |

*3 Uses an SMA Male Connector instead of BNC connector.

*4 Other optional cable lengths are available for most probes listed. For additional information refer to the Tektronix Product Catalog or contact your local sales representative.

*5 R/O = Readout.