

P7313, P7380A, P7360A, and P7340A Probe Accessory Reorder List and Performance Summary

All Tip-Clip® assemblies include 10 Tip-Clips, 3 Tip-Clip Ejectors and 1 strip of Adhesive Tip-Clip Tape (10 pieces), unless otherwise noted.

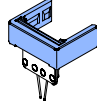
HBW Straight Flex, 8 mil wire, Tip-Clip Assembly

P/N 020-2639-XX (Qty 10)
P/N 020-2657-XX (Qty 5)

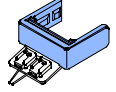
HBW Right-Angle Flex, 8 mil wire, Tip-Clip Assembly

P/N 020-2638-XX (Qty 10)
P/N 020-2656-XX (Qty 5)

Bandwidth: >12.5 GHz (P7313)
T_R: 10/90 <40 ps*, 20/80 <25 ps
Loading: Z_{MIN} >200 Ω to 10 GHz



Bandwidth: >12 GHz (P7313)
T_R: 10/90 <42 ps, 20/80 <27 ps
Loading: Z_{MIN} >150 Ω to 10 GHz



Highest bandwidth and best probe loading for HBW Tip-Clip assemblies. Using the Wire Replacement Kit allows you the flexibility to solder 8 mil or 4 mil wires to small vias. *Guaranteed

Provides an alternative connection orientation. Using the Wire Replacement Kit allows you the flexibility to solder 8 mil or 4 mil wires to small vias.

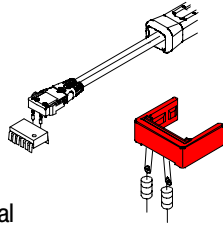
Short Flex, Large Resistor, 1/8 W Tip-Clip Assembly

P/N 020-2601-XX

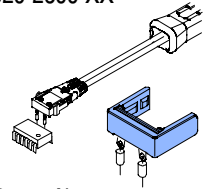
Short Flex, Small Resistor, Tip-Clip Assembly

P/N 020-2600-XX

Bandwidth: >8.0 GHz (P7380A)
T_R: 10/90 <55 ps, 20/80 <35 ps
Loading: Z_{MIN} 290 Ω to 8 GHz



Bandwidth: >8.0 GHz (P7313 and P7380A)
T_R: 10/90 <55 ps*, 20/80 <35 ps
Loading: Z_{MIN} 290 Ω to 8 GHz



High bandwidth and good signal fidelity, ideal for connecting to large features.

Bandwidth: >6.0 GHz (P7360A) >4.0 GHz (P7340A)
T_R: 10/90 <70 ps*, 20/80 <50 ps 10/90 <100 ps*, 20/80 <75 p
Loading: Z_{MIN} 290 Ω to 6 GHz Z_{MIN} 290 Ω to 4 GHz

Best overall signal fidelity. The small resistors are ideal for connecting to small vias and fine pitch circuitry. *Guaranteed

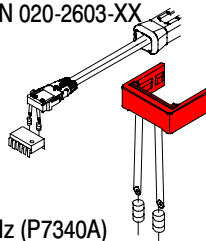
Medium Flex, Large Resistor, 1/8 W Tip-Clip Assembly

P/N 020-2603-XX

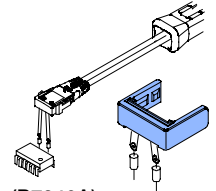
Medium Flex, Small Resistor, Tip-Clip Assembly

P/N 020-2602-XX

Bandwidth: >8.0 GHz (P7380A)
T_R: 10/90 <55 ps, 20/80 <35 ps
Loading: Z_{MIN} 260 Ω to 8 GHz



Bandwidth: >7.0 GHz (P7313 & P7380A)
T_R: 10/90 <55 ps, 20/80 <35 ps
Loading: Z_{MIN} 290 Ω to 8 GHz



Bandwidth: >5.0 GHz (P7360A) >4.0 GHz (P7340A)
T_R: 10/90 <70 ps, 20/80 <50 ps 10/90 <100 ps, 20/80 <75 ps
Loading: Z_{MIN} 260 Ω to 6 GHz Z_{MIN} 260 Ω to 4 GHz

Good compromise between ease-of-use and performance when attaching to larger devices.

Bandwidth: >5.0 GHz (P7360A) >4.0 GHz (P7340A)
T_R: 10/90 <70 ps, 20/80 <50 ps 10/90 <100 ps, 20/80 <75 ps
Loading: Z_{MIN} 290 Ω to 6 GHz Z_{MIN} 290 Ω to 4 GHz

Good compromise between ease-of-use and maximum performance when attaching to smaller devices or circuit board vias.

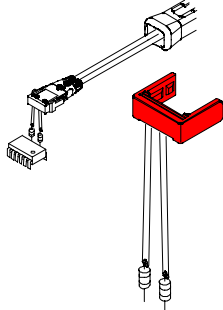
Long Flex, Large Resistor, 1/8 W Tip-Clip Assembly

P/N 020-2605-XX

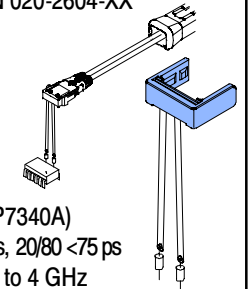
Long Flex, Small Resistor, Tip-Clip Assembly

P/N 020-2604-XX

Bandwidth: >7.0 GHz (P7380A)
T_R: 10/90 <75 ps, 20/80 <40 ps
Loading: Z_{MIN} 300 Ω to 8 GHz



Bandwidth: >6.0 GHz (P7313 & P7380A)
T_R: 10/90 <130 ps, 20/80 <40 ps
Loading: Z_{MIN} 360 Ω to 8 GHz



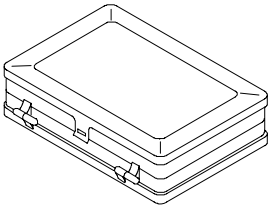

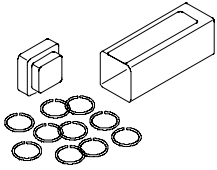
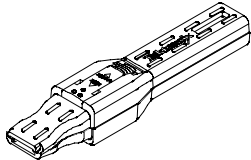
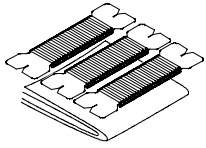
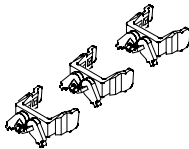
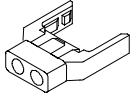
Extended reach with good step response. Useful for connecting to hard-to-reach circuitry with large features. Conveniently sized to fit between DIMM modules. Not recommended for signals faster than 4 GHz.

Bandwidth: >4.0 GHz (P7360A) >4.0 GHz (P7340A)
T_R: 10/90 <130 ps, 20/80 <60 ps 10/90 <100 ps, 20/80 <75 ps
Loading: Z_{MIN} 360 Ω to 6 GHz Z_{MIN} 360 Ω to 4 GHz

Extended reach with good step response. Useful for connecting to hard-to-reach small vias and fine pitch circuitry. Conveniently sized to fit between DIMM modules. Not recommended for signals faster than 4 GHz.



P7313, P7380A, P7360A, and P7340A Probe Accessory Reorder List and Performance Summary (Con't)

	 <p>016-1953-XX Attachment Kit Velcro fastening straps and 10 dots</p>	 <p>016-1948-XX Color Marker Band Kit 5 colors</p>
<p>P7313 020-2636-XX P7380A 020-2557-XX P7360A and P7340A 020-2690-XX</p> <p>Replacement Attachment Kit Includes 3 each of the Tip-Clip assemblies listed on the front page (unless noted otherwise), 3 Tip-Clip Ejectors, Tip-Clip Tape, and Color Marker Band Kit. Complete with Plastic Accessory Box.</p> <p>Wire Replacement Kit, P7313 only.</p>	 <p>015-0717-XX HHA Housing One pair of Handheld Adapter housings.</p>	 <p>020-2644-XX Wire Replacement Kit (P7313 Only) Set of three bobbins, solder, 4 mil wire, and 8 mil wire. Use to replace wire leads on the HBW Tip-Clip assemblies.</p>
 <p>020-2596-XX Variable Spacing Tip-Clip (3 ea)</p> <p>Variable Spacing Tip-Clip Assembly</p> <p>Bandwidth: >8.0 GHz (P7313 and P7380A) T_R: 10/90 <55 ps, 20/80 <35 ps Loading: Z_{MIN} 220 Ω to 8 GHz</p> <p>Bandwidth: >6 GHz (P7360A) T_R: 10/90 <70 ps, 20/80 <50 ps Loading: Z_{MIN} 220 Ω to 6 GHz</p> <p>Bandwidth: >4 GHz (P7340A) T_R: 10/90 <100 ps, 20/80 <75 ps Loading: Z_{MIN} 220 Ω to 4 GHz</p> <p>Use with Handheld Adapter for probing test points spaced from 0.020-in to 0.180-in apart.</p>	 <p>020-2701-XX Square Pin, Tip-Clip Kit (3 ea)</p> <p>Bandwidth: >6.0 GHz T_R: 10/90 <70 ps, 20/80 <50 ps</p> <p>Use the Square Pin Tip-Clip assembly for probing 0.025-in diameter square pins spaced 0.1-in on center. Square pins are not an ideal transmission path for high-speed electrical signals. Square pins are not recommended for signals faster than 100 ps or 3 GHz.</p>	<p><i>Note: See your technical reference manual for additional Tip-Clip performance information and your user manual for a list of the standard accessories included with the probe.</i></p> <p><i>Note: All Tip-Clip specifications are typical unless indicated otherwise, and all loading is differential. The accessories and quantities in these reorder kits may differ from those shipped with the probe.</i></p>