

END LAUNCH CONNECTOR COMPARISON

(NEXT GENERATION ADVANTAGES)

Southwest Microwave's -6 End Launch Connectors and -12 End Launch Connectors deliver the same industry-leading high-performance RF capability, with the -12 offering notable advantages for many designs.

The -12 provides this performance in a more cost-efficient format, helping customers reduce overall system cost without sacrificing electrical performance or reliability.

Both connector styles use the same launch geometry because they share identical transition block

dimensions. The key distinction is the mounting approach: the -12 is a thread-in connector that installs directly into the transition block, while the -6 is a field-replaceable 4-hole flange connector secured to the block.

For applications that benefit from a thread-in solution and where system cost is an important consideration, the -12 offers an excellent balance of integration simplicity, performance, and value.

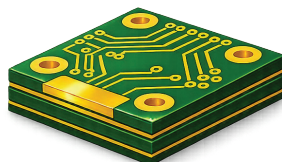


SOUTHWEST MICROWAVE END LAUNCH CONNECTORS -6 & -12 SERIES

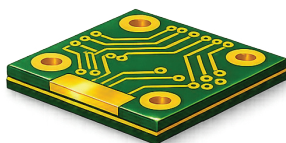
MODEL NAME / PIN	-6 MODEL NUMBER	-12 MODEL NUMBER	MODEL NAME / PIN	-6 MODEL NUMBER	-12 MODEL NUMBER
1.0mm 125 GHz Jack (Female) / .005	2492-04A-6	2492-04A-12	2.92mm 40 GHz Jack (Female) / .005	1092-01A-6	1092-01A-12
1.0mm 125 GHz Plug (Male) / .005	2493-04A-6	2493-04A-12	2.92mm 40 GHz Jack (Female) / .010	1092-03A-6	1092-03A-12
1.35mm 90 GHz Jack (Female) / .005		2292-04A-12	2.92mm 40 GHz Jack (Female) / .007	1092-04A-6	1092-04A-12
1.85mm 67 GHz Jack (Female) / .007	1892-03A-6	1892-03A-12	2.92mm 40 GHz Plug (Male) / .010	1093-01A-6	1093-01A-12
1.85mm 67 GHz Jack (Female) / .005	1892-04A-6	1892-04A-12	2.92mm 40 GHz Plug (Male) / .007	1093-03A-6	1093-03A-12
1.85mm 67 GHz Plug (Male) / .007	1893-03A-6	1893-03A-12	2.92mm 40 GHz Plug (Male) / .005	1093-04A-6	1093-04A-12
1.85mm 67 GHz Plug (Male) / .005	1893-04A-6	1893-04A-12	SuperSMA 27 GHz Jack (Female) / .010	292-04A-6	292-04A-12
2.40mm 50 GHz Jack (Female) / .010	1492-02A-6	1492-02A-12	SuperSMA 27 GHz Jack (Female) / .007	292-06A-6	292-06A-12
2.40mm 50 GHz Jack (Female) / .007	1492-03A-6	1492-03A-12	SuperSMA 27 GHz Jack (Female) / .005	292-07A-6	292-07A-12
2.40mm 50 GHz Jack (Female) / .005	1492-04A-6	1492-04A-12	SuperSMA 27 GHz Plug (Male) / .010	293-01A-6	293-01A-12
2.40mm 50 GHz Plug (Male) / .010	1493-01A-6	1493-01A-12	SuperSMA 27 GHz Plug (Male) / .007	293-03A-6	293-03A-12
2.40mm 50 GHz Plug (Male) / .007	1493-03A-6	1493-03A-12	SuperSMA 27 GHz Plug (Male) / .005	293-04A-6	293-04A-12
2.40mm 50 GHz Plug (Male) / .005	1493-04A-6	1493-04A-12			

BOARD THICKNESS KEY

-6 (.100 Max)



-12 (.065 Max)



Southwest Microwave manufactures

- a -7 end launch connector series for PCB thicknesses of .090 – .210 &
- an -8 end launch connector series for PCB thicknesses of .190 – .300.

Please call us at +1 (480) 783-0201 or email connectors@southwestmicrowave.com for more information.

FEATURE	-6 VERSION	-12 VERSION
Block Style	Standard Block (0.500)	Standard Block (0.500)
Mounting	Clamping Style	Clamping Style
RF Performance	Identical	Identical
Launch Design	Identical	Identical
Field Replacable	Yes	Yes
Connector Outlines		

