

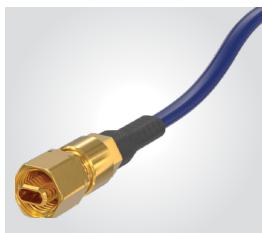
NEXT GEN FLEXIBLE WAVEGUIDE

HIGH FREQUENCY • FLEXIBLE CABLE • SMALL FORM FACTOR • LOW LOSS

Samtec's new, high frequency micro waveguide technology is designed to support the demands of next generation millimeter wave systems. It uses a cable design allowing flexibility and a reduced size, and supports frequencies up to 75 GHz (V-band), but with a loss performance greatly improved over coaxial cables.

V-BAND CABLE

V-Band Cable Assemblies WF15



SERIES	CORE TYPE	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
WF15 = 50-75 GHz	-S = Solid	-75TP = 75 GHz Threaded Plug	-75TP = 75 GHz Threaded Plug	-“XXXX” = Overall Length in millimeters -0102 (102 mm) 4.016" min.

XXXX = OAL (millimeters)

ADAPTORS

V-Band Adaptors WGBA

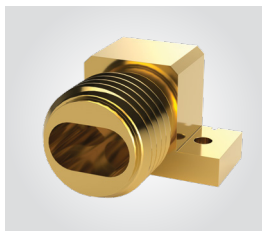


WGBA	SERIES	END 1 SERIES	END 2 SERIES	GENDER	ORIENTATION
	-BA = Between Series Adaptor	-385 = UG385/U	-75T = 50 to 75 GHz Threaded Waveguide	-J = Jack	-S = Straight

#4-40 UNC-2B
C' Bore DIA .140 X .030 Deep
4 Holes Equally Spaced

BOARD CONNECTORS

V-Band Board Connectors 75T



SERIES	GENDER	TYPE	PLATING OPTION	ORIENTATION	TERMINATION
75T = 50 to 75 GHz Threaded Waveguide	-J = Jack	-P = PCB	-EE = 50 μ " (1.27 μ m) Extra Heavy Gold center contact and outer body	-RA = Right-angle	-CM = Compression mount stripline