

Category	Data type	Package
Synthesizable	bit, bit_vector	standard library (automatically included, no need to include explicitly)
	boolean, boolean_vector	
	integer, natural, postive, integer_vector	
	character, string	
	std_logic, std_logic_vector	std_logic_1164
	signed, unsigned	numeric_std
Non-synthesizable	real, real_vector	standard library (automatically included, no need to include explicitly)
	time, time_vector	
	delay_length	
	read, write, line, text	textio