



## Features & Benefits

- Now featuring our VITA 67 contact!
- Most user friendly RF Cable Builder application in the market
- Choose from a variety of in-stock standard connector series and cable types with length up to 99"
- Over 125 connector and cable combinations available
- Simple part number configuration (see reverse)
- Instantly view pricing, mechanical/electrical specifications and data drawings
- Online order placement (credit card or PO)

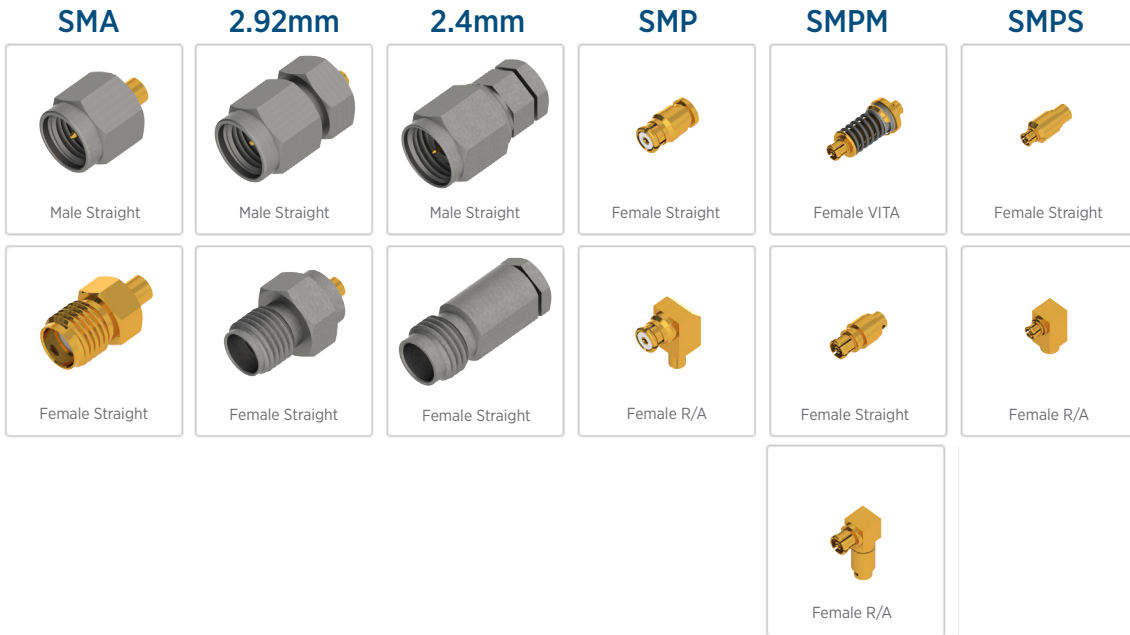
**Cables Ship in 5 Days!**

## Applications

- Prototype builds
- Military / Aerospace
- Broadband
- Instrumentation
- Telecommunications

Cable Types	Ø.047	2.92mm	2.4 mm	SMA	SMP	SMPM	SMPS
		Ø.085	•	•	•	•	•
Ø.140	•	•					

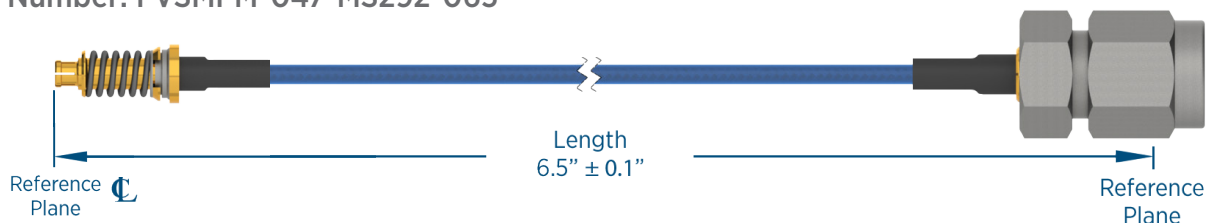
## Connector Selections



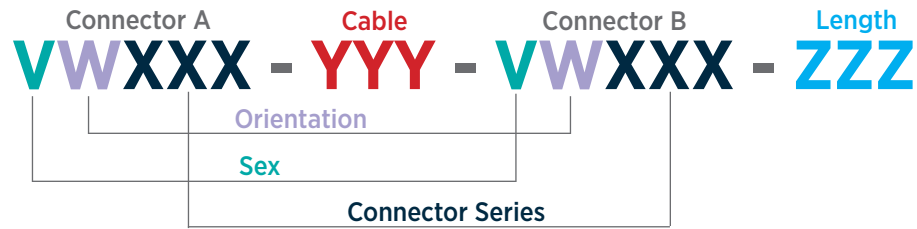
**Example:**

**SMPM Female VITA to 2.92mm Male 6.5" Cable Assembly for Ø.047 Cable**

Part Number: FVSMPM-047-MS292-065



# Rapid Response Cable Assemblies P/N Builder



- Step 1:** Select Connector A Sex
- Step 2:** Select Connector A Orientation
- Step 3:** Select Connector A Series
- Step 4:** Select Cable Type
- Step 5:** Select Connector B Sex
- Step 6:** Select Connector B Orientation
- Step 7:** Select Connector B Series
- Step 8:** Specify Cable Length (in inches)

Connector 1			Cable	Connector 2			
Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Step 8
Sex	Orientation	Series	Cable	Sex	Orientation	Series	Length
F	V	SMPM	047	M	S	292	065

Steps 1 & 5 Sex	
Male	M
Female	F
VITA	V

Steps 2 & 6 Orientation	
Straight	S
Right Angle	R

Steps 3 & 7 Series	
SMA	SMA
SMP	SMP
SMPM	SMPM
SMPS	SMPS
2.92 mm	292
2.4 mm	24

Step 4 Cable	
Ø.047 Cable	047
Ø.085 Cable	085
Ø.140 Cable	140

Step 8 Length			
Cable	Min	Max	
.047	3.0"	030	99.0"
.085	6.0"	060	99.0"
.140	12.0"	120	99.0"

Delay Match Specifications	
Min - 10"	± 2 ps
10" - Max	± 10 ps

## Cable Options per Series

		Connector 2						
		Cable	2.92 mm	2.4 mm	SMA	SMP	SMPM	SMPS
Connector 1	2.92 mm	.047	•	•	•	•	•	•
		.085	•	•	•	•	•	•
		.140	•	•				
	2.4 mm	.047	•	•	•	•	•	•
		.085	•	•	•	•	•	•
		.140	•	•				
	SMA	.047	•	•	•	•	•	•
		.085	•	•	•	•	•	•
		.140	•	•				
	SMP	.047	•	•	•	•	•	•
		.085	•	•	•	•	•	•
		.140	•	•				
SMPM	.047	•	•	•	•	•	•	
	.085	•	•	•	•	•	•	
	.140	•	•					
SMPS	.047	•	•	•	•	•	•	
	.085	•	•	•	•	•	•	
	.140	•	•					

Cable Tolerances			
Cable	Length Tolerance (Min - 12")	Length Tolerance (12" - Max)	Min Length Increments
.047	± 0.1"	± 0.5"	0.1"
.085	± 0.1"	± 0.5"	0.1"
.140	N/A	± 0.5"	0.1"

### Example:

<b>Part Number</b>	<b>FVSMPM - 047 - MS292 - 065</b>
<b>Description</b>	Female VITA SMPM to Male Straight 2.92mm 6.5" Cable Assembly for Ø.047 cable



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