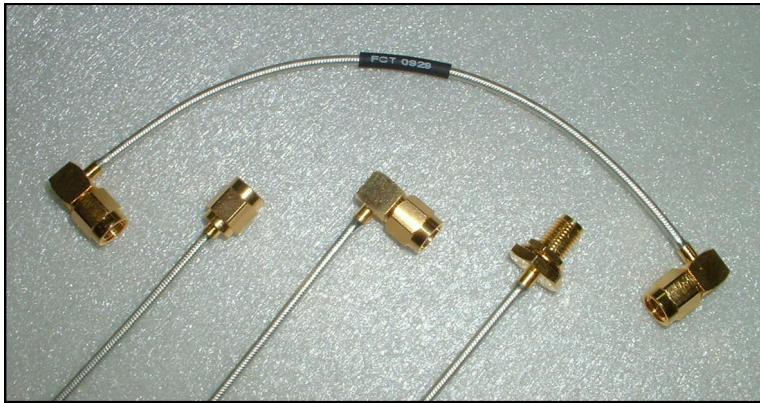


Standard Cable Assemblies

50Ω SMA 0.086" Conformable Jumpers

for DC to 6Ghz applications



FCT Electronics has produced RF cable assemblies supporting many types of applications for over 20 years.

To better support customers involved in product development activities, FCT has developed a series of common configurations in standard lengths with high guaranteed performance criteria.

FCT standard SMA cable assemblies use gold plated brass connectors that have been optimized using Ansoft's HFSS suite of software for excellent electrical performance.

Each assembly is tested for VSWR and IL to ensure actual performance meets FCT specifications using an HP Network Analyzer.

All products are built by FCT using RoHS compliant materials and processes.



FCT still remains available to support custom lengths, configurations and meet electrical and mechanical criteria as specified by customers, but now these standard options just might take some of the strain out of cable sourcing.

In addition to these standard 50Ω SMA assemblies, equivalent versions using 0.141" Dia cable are available.

Configuration	Length	FCT Order Part #	VSWR(<)	IL(<dB) 2Ghz/6Ghz
SMA Str. Plug to SMA Str. Plug	3in.	24P103C24P1-003	1.03:1 @2Ghz	0.15/0.20
	6in.	24P103C24P1-006		0.20/0.30
	12in.	24P103C24P1-012	1.08:1 @6Ghz	0.40/0.70
	18in.	24P103C24P1-018		0.55/1.00
SMA Str. Plug to SMA R/A Plug	3in.	24P103C24P2-003	1.06:1 @2Ghz	0.15/0.20
	6in.	24P103C24P2-006	1.20:1 @6Ghz	0.25/0.45
	12in.	24P103C24P2-012		0.45/0.70
	18in.	24P103C24P2-018	0.60/1.00	
SMA R/A Plug to SMA R/A Plug	3in.	24P203C24P2-003	1.06:1 @2Ghz	0.20/0.40
	6in.	24P203C24P2-006	1.28:1 @6Ghz	0.25/0.50
	12in.	24P203C24P2-012		0.45/0.75
	18in.	24P203C24P2-018	0.60/1.10	
SMA Str. Plug to SMA BKHD Jack	3in.	24P103C24J1-003	1.10:1 @2Ghz	0.15/0.20
	6in.	24P103C24J1-006	1.15:1 @6Ghz	0.20/0.35
	12in.	24P103C24J1-012		0.40/0.69
	18in.	24P103C24J1-018	0.55/1.00	
SMA R/A Plug to SMA BKHD Jack	3in.	24P203C24J1-003	1.12:1 @2Ghz	0.20/0.40
	6in.	24P203C24J1-006	1.25:1 @6Ghz	0.25/0.45
	12in.	24P203C24J1-012		0.40/0.69
	18in.	24P203C24J1-018	0.60/1.00	