

SMA TO 26.5 GHz

SMA Cable Assemblies

RF086, RF23C,
RF25S, RF402,
RF405, RF180, RF280



VSWR

RF086: 1.30 max.
RF23C: 1.30 max.
RF25S: 1.60 max.
RF402: 1.50 max.
RF405: 1.35 max.
RF180: 1.35 max.
RF280: 1.35 max.

Additional connector options available.
Contact RFGroup@samtec.com

SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
RF086 = (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable	-01SP1* = SMA Straight Plug		-"XXXX" = Overall Length in millimeters
RF23C = MCW-2350CU-01 millimeter wave cable with copper foil shield	-01RP1* = SMA Right-angle Plug (RF086, RF23C & RF25S not available)		-0100 (100 mm) 3.94" minimum (RF086, RF25S, RF402, & RF405)
RF25S = MWC-2550-01 microwave cable with 25 AWG solid FEP dielectric	-01BJ1* = SMA Bulkhead Jack (RF402 & RF405 not available)		-0152 (152 mm) 5.984" minimum (RF23C & RF180)
RF402 = RG 402 (.141") 19 AWG semi-flexible microwave cable	-01SB = Straight Bulkhead Jack, Sealed (RF086 & RF23C only)		-0200 (200 mm) 7.87" minimum (RF280)
RF405 = RG 405 (.086") 24 AWG semi-flexible microwave cable	*Remove last "1" from end connector when specifying RF086, RF23C, RF180 & RF280.		

ALSO AVAILABLE

1.85 mm, 2.40 mm, 2.92 mm, SMPM = RF086
2.40 mm, 2.92mm, SMPM = RF23C
SMP = RF25S, RF405
TNCA, N Type = RF180
TNCA, N Type = RF280

SMA Board Connectors

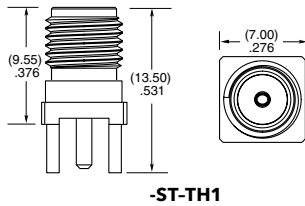
SMA-TH, SMA-SM,
SMA-MT, SMA-EM

Cable Mates:

RF086, RF23C,
RF25S, RF402,
RF405, RF180, RF280



SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-J = Jack	-P = PCB Mount	-H = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact	-ST = Straight	-TH1 = Through-hole
			-GF = 10 μ" (0.25 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (-SM1 only)	-RA = Right-angle	-SM1 = Surface Mount (-GF-RA only)
					-EM1 = Edge Mount (-ST only)
					-EM3 = Drop-in Edge Mount (-ST only)
					-MT1 = Mixed Technology (-ST only)



-ST-TH1

SMA Cable Connectors

PRF01



CONNECTORS FOR INDUSTRY STANDARD CABLES	
PRF01-P-C-EP-120C-SS	Harbour LL120
PRF01-J-C-EP-142-SS	Harbour LL142
PRF01-P-C-EP-142-SS	Harbour LL142
PRF01-P-C-EP-142-RS	Harbour LL142
PRF01-P-C-EP-142A-SS	Harbour SB142
PRF01-P-C-EP-335-SS	Harbour LL335
PRF01-P-C-EP-335A-SS	Harbour LL335i
PRF01-P-C-EP-190-SS	Semflex HP190
PRF01-P-C-EP-190-RS	Semflex HP190
PRF01-P-C-EP-305-SS	Semflex HP305
PRF01-P-C-EP-290-SS	Semflex LA290

For a complete list of SMA cable connectors,
visit www.samtec.com?PRF01

P-C = Cable Plug
J-C = Cable Jack
EP = Plating
(50 μ" Gold center contact,
passivated outer contact)
SS = Straight, Solder Clamp
RS = Right-angle, Solder Clamp

INTERFACE STANDARD

