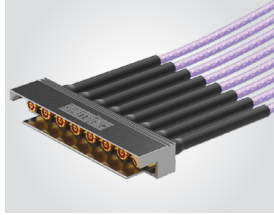


## SMPM TO 65 GHZ

### SMPM Ganged Cable: GC47, GC86

Mates With: GPPC



SERIES	NO. OF ROWS	NO. OF POSITIONS	ASSEMBLY LENGTH
--------	-------------	------------------	-----------------

**GC47**  
= Ganged SMPM with (1.2 mm) .047" overshield DIA 29 AWG millimeter wave cable

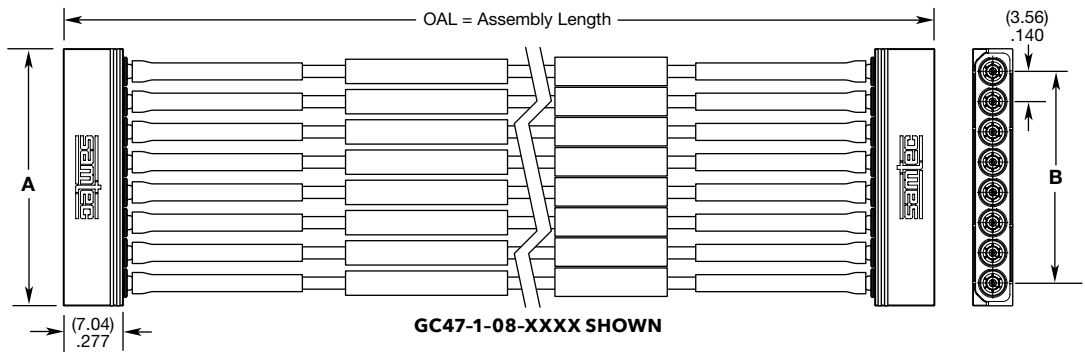
**GC86**  
= Ganged SMPM with (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable

-1

-02, -04, -06, -08, -10

-"XXXX"  
= Assembly Length in millimeters -0100 (100 mm) 3.94" minimum

NO. OF POSITIONS	A	B
-02	(8.89) .350	(3.56) .140
-04	(16.00) .630	(10.67) .420
-06	(22.10) .870	(17.78) .700
-08	(30.23) 1.190	(24.89) .980
-10	(37.34) 1.470	(32.00) 1.260



### ALSO AVAILABLE

Other RF options for end 2  
Contact [RFGroup@samtec.com](mailto:RFGroup@samtec.com)

**Notes:**  
Cable lengths longer than 1000 mm (39.37") are not supported with S.I. test data.

Some sizes, styles and options are non-standard, non-returnable.

### SMPM Ganged Block: GPPC

Mates With: GC47, GC86



GPPC	GENDER	1	NO. OF POSITIONS	PLATING	ORIENTATION	TERMINATION	1N
------	--------	---	------------------	---------	-------------	-------------	----

-PF  
= Plug Full Detent

-PS  
= Plug Smooth Bore

-PC  
= Catcher Mitt (-ST-SL & -RA-SM only)

-02, -04, -06, -08, -10  
(Per Row)

-EG  
= 50 μm (1.27 μm) heavy Gold center contact, 10 μm (0.25 μm) extra Gold outer body (-EM only)

-HG  
= 30 μm (0.76 μm) Gold center contact, 10 μm (0.25 μm) Gold outer body (-SL & -SM only)

-ST  
= Straight

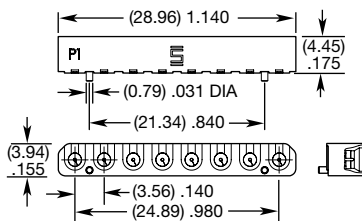
-RA  
= Right-angle (-SM only)

-SM  
= Surface Mount (Right-angle only)

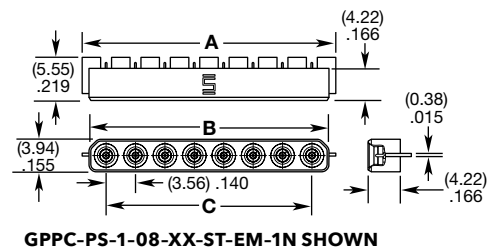
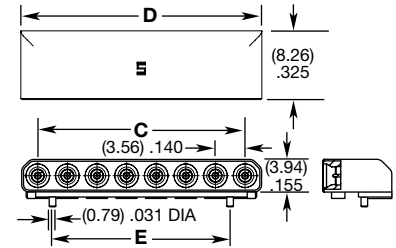
-EM  
= Edge Mount

-SL  
= Stub Launch

Leave blank for -SL & -SM



NO. OF POSITIONS	A	B	C	D	E
-02	(9.35) .368	(7.70) .303	(3.56) .140	(7.62) .300	N/A
-04	(16.46) .648	(14.81) .583	(10.67) .420	(14.73) .580	(7.11) .280
-06	(23.57) .928	(21.92) .863	(17.78) .700	(21.84) .860	(14.22) .560
-08	(30.68) 1.208	(29.03) 1.143	(24.89) .980	(28.96) 1.140	(21.34) .840
-10	(37.80) 1.488	(36.14) 1.423	(32.00) 1.260	(36.07) 1.420	(28.45) 1.120



**Notes:**  
Some sizes, styles and options are non-standard, non-returnable.

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