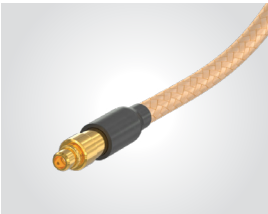


## 50 $\Omega$ MMCX TO 6 GHz

## MMCX Cable Assemblies



SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
<b>RF174</b> = RG 174 Cable	<b>–03SP1</b> = MMCX Straight Plug		<b>–"XXXX"</b> = Overall Length in millimeters
<b>RF178</b> = RG 178 Cable (–03SP1 & –03RP1 only)	<b>–03RP1</b> = MMCX Right-angle Plug		–0100 (100 mm) 3.94" minimum
<b>RF316</b> = RG 316 Cable, Single Braid Shield	<b>–V3SP1</b> = MMCXV Straight Plug, High Vibration		
<b>RS316</b> = RG 316 Cable, Double Shielded (–03SP1 only)	<b>–V3RP1</b> = MMCXV Right-angle Plug, High Vibration		
	<b>–V3SJ1</b> = MMCXV Straight Jack, High Vibration		

## ALSO AVAILABLE

50  $\Omega$ : MCX, SMA, SMB, BNC, TNC,  
N Type = RF174, RF178, RF316

50  $\Omega$ : MCX, SMA, BNC, TNC = RS316

**MMCX**  
**Board Connectors**  
MMCX-SM, MMCX-TH,  
MMCX-MT, MMCX-EM

**Cable Mates:**  
RF174, RF178, RF316, RS316,  
GRF1H-C, IJ5H



MMCX	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	<b>-J</b> = Jack  <b>-P</b> = Plug	<b>-P</b> = PCB Mount	<b>-H</b> = 30 $\mu$ " (0.76 $\mu$ m) Gold center contact, 3 $\mu$ " (0.08 $\mu$ m) Gold outer contact	<b>-ST</b> = Straight  <b>-RA</b> = Right-angle	<b>-TH1</b> = Through-hole  <b>-MT1</b> = Mixed Technology (-ST only)  <b>-SM1</b> = Surface Mount (-RA plug not available)  <b>-EM1</b> = Edge Mount (-ST only)
<b>-ST-SM1</b> (Jack)			<b>-RA-TH1</b> (Plug)		

**MMCX**  
**Cable Connectors**  
MMCX-CA



CONNECTORS FOR INDUSTRY STANDARD CABLES	
MMCX-P-C-H-ST-CA1	RG 174/316 Cable
MMCX-P-C-H-ST-CA2	RG 178 Cable
MMCX-P-C-HF-ST-CA1S	RG 316 Double Shielded Cable
MMCX-P-C-H-RA-CA1	RG 174/316 Cable
MMCX-P-C-H-RA-CA2	RG 178 Cable

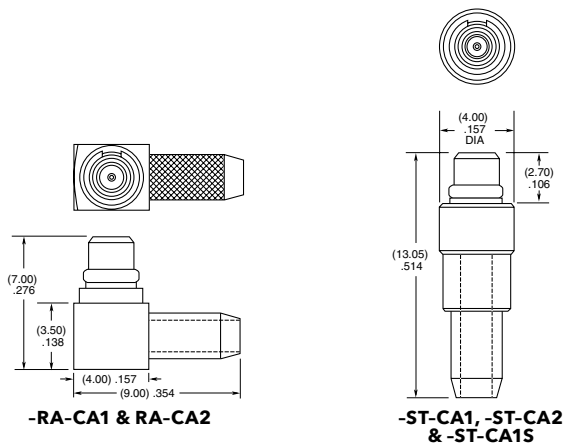
Add "-B" to the end of the part number for bulk packaging

P-C = Cable Plug

H or HF = Plating (30  $\mu$ m Gold center contact,  
3  $\mu$ m Gold outer contact)

ST = Straight

RA = Right-angle



Supplied with pins and ferrules.  
See website for dimensions.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[MMCX-P-C-H-ST-CA1](#) [MMCX-P-C-H-ST-CA2](#) [MMCX-P-C-HF-ST-CA1S](#)