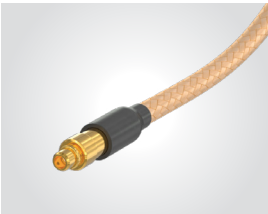


50 Ω MMCX TO 6 GHz

MMCX Cable Assemblies



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

ALSO AVAILABLE

50 Ω : MCX, SMA, SMB, BNC, TNC,
N Type = RF174, RF178, RF316

50 Ω : 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
	-J = Jack -P = Plug	-P = PCB Mount	-H = 30 μ " (0.76 μ m) Gold center contact, 3 μ " (0.08 μ m) Gold outer contact	-ST = Straight -RA = Right-angle	-TH1 = Through-hole -MT1 = Mixed Technology (-ST only) -SM1 = Surface Mount (-RA plug not available) -EM1 = Edge Mount (-ST only)
	-ST-SM1 (Jack)		-RA-TH1 (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

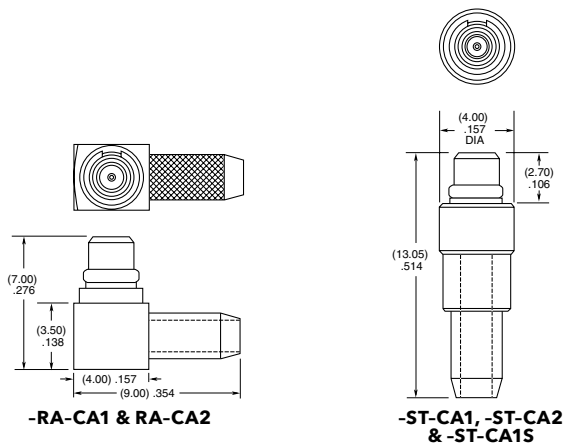
Add "-B" to the end of the part number for bulk packaging

P-C = Cable Plug

H or HF = Plating (30 μ " Gold center contact,
3 μ " 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-J-P-H-ST-SM1](#) [MMCX-J-P-H-ST-TH1](#) [MMCX-J-P-H-ST-MT1](#) [MMCX-P-P-H-ST-TH1](#) [MMCX-J-P-H-RA-TH1](#)
[MMCX-J-P-H-ST-EM1](#) [MMCX-P-P-H-ST-SM1](#) [MMCX-P-P-H-ST-EM1](#) [MMCX-P-P-H-ST-MT1](#) [MMCX-J-P-H-RA-SM1](#)
[MMCX-P-P-H-RA-TH1](#) [MMCX-P-C-H-ST-CA1](#) [MMCX-P-C-H-RA-CA2](#) [MMCX-P-C-H-ST-CA2](#) [MMCX-P-C-H-RA-CA1](#)
[MMCX-J-P-HF-SW-EM1-TR](#) [MMCXV-J-C-GF-ST-CA1](#) [MMCX-J-P-HF-SW-EM1](#) [MMCXV-J-C-HF-ST-CA1](#) [MMCXV-P-](#)
[C-GF-ST-CA1](#) [MMCX-J-P-H-ST-SM1-K-TR](#) [MMCX-J-P-H-ST-SM1-K](#) [MMCX-J-P-H-ST-SM1-K-FR](#)