50 Ω MMCX TO 6 GHz

MMCX Cable Assemblies

RF174, RF178, RF316, RS316



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

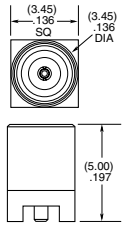
MMCX Board Connectors

MMCX-SM, MMCX-TH, MMCX-MT, MMCX-EM

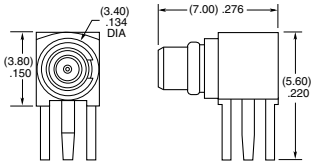
Cable Mates:
RF174, RF178, RF316, RS316, GRF1H-C, IJ5H



MMCX	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	–J = Jack	**–P** = PCB Mount	**–H** = 30 µ" (0.76 µm) Gold center contact, 3 µ" (0.08 µm) Gold outer contact	**–ST** = Straight	**–TH1** = Through-hole
	–P = Plug			**–RA** = Right-angle	**–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

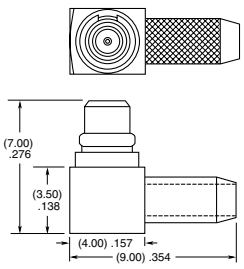
Add "–B" to the end of the part number for bulk packaging

P-C = Cable Plug

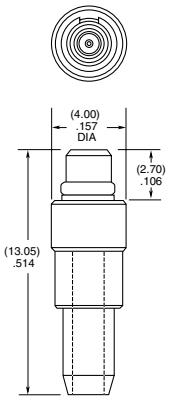
H or HF = Plating (30 µ" Gold center contact, 3 µ" Gold outer contact)

ST = Straight

RA = Right-angle



-RA-CA1 & RA-CA2



-ST-CA1, -ST-CA2 & -ST-CA1S

Supplied with pins and ferrules.
See website for dimensions.

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.