MMCX
Cable Assemblies
RF174, RF178, RF316, RS316

SERIES	–	END 1 CONNECTOR	–	END 2 CONNECTOR		OVERALL LENGTH

RF174
= RG 174 Cable

RF178
= RG 178 Cable
(–03SP1 & –03RP1 only)

RF316
= RG 316 Cable, Single Braid Shield

RS316
= RG 316 Cable, Double Shielded
(–03SP1 only)

–03SP1
= MMCX Straight Plug

–03RP1
= MMCX Right-angle Plug

–V3SP1
= MMCXV Straight Plug, High Vibration

–V3RP1
= MMCXV Right-angle Plug, High Vibration

–V3SJ1
= MMCXV Straight Jack, High Vibration

–"XXXX"
= Overall Length in millimeters

–0100 (100 mm) 3.94"
minimum

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 µm) Gold center contact, 3 µ" (0.08 µm) 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)

(3.45) .136 SQ (3.45) .136 DIA

(5.00) .197

**-ST-SM1
(Jack)**

(3.40) .134 DIA

(3.80) .150

(7.00) .276

(5.60) .220

**-RA-TH1
(Plug)**

MMCX
Cable Connectors
MMCX-CA

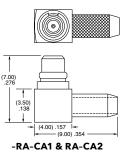| CONNECTORS FOR INDUSTRY STANDARD CABLES	
MMCX-P-C-H-ST-CA1	RG 174/316 Cable
MMCX-P-C-H-ST-CA2	RG 178 Cable
MMCX-P-C-HF-ST-CA1S	RG 316 Double Shielded Cable
MMCX-P-C-H-RA-CA1	RG 174/316 Cable
MMCX-P-C-H-RA-CA2	RG 178 Cable

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

(7.00) .276

(3.50) .138

(4.00) .157
(9.00) .354

-RA-CA1 & RA-CA2

(4.00) .157 DIA

(2.70) .106

(13.05) .514

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

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-K-TR](#)   [MMCX-J-P-H-ST-SM1-K](#)