50 Ω MMCX TO 6 GHz

MMCX Cable Assemblies

RF174, RF178, RF316, RS316



SERIES

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)

END 1 CONNECTOR

END 2 CONNECTOR

OVERALL LENGTH

-"XXXX"

= Overall Length in millimeters

-0100 (100 mm) 3.94" minimum

-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

ALSO AVAILABLE

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

 50Ω : MCX, SMA, BNC, TNC = RS316

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

Cable Mates:

MMCX

RF174, RF178, RF316, RS316, GRF1H-C, IJ5H



ммсх

GENDER

= Jack

-P

= Plug





(5.00)

-ST-SM1 (Jack)

Mount

-H = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact

-RA-TH1

(Plug)

PLATING

ORIENTATION -ST

= Straight -RA = Right-angle

-TH1 = Through-hole

TERMINATION

-MT1

= Mixed Technology (-ST only)

-SM1 = Surface Mount (-RA plug not available)

-EM1

= Edge Mount (–ST only)

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

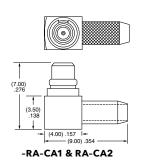
Add "-B" to the end of the part number for bulk packaging P-C = Cable Plug

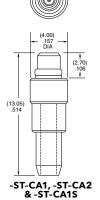
H or HF = Plating (30 μ " Gold center contact, 3 μ" Gold outer contact)

ST = Straight

RA = Right-angle

Supplied with pins and ferrules. See website for dimensions.





samtec.com/MMCX