MCX Cable Assemblies

RF174, RF178, RF316, RS316



SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
RF174 = RG 174 Cable	**–02SJ1** = MCX Straight Jack	**–02SJ1** = MCX Straight Jack	**–"XXXX"** = Overall Length in millimeters
RF178 = RG 178 Cable	**–02RP1** = MCX Right-angle Plug (RS316 not available)	**–02RP1** = MCX Right-angle Plug (RS316 not available)	–0100 (100 mm) 3.94" minimum
RF316 = RG 316 Cable, Single Braid Shield	**–02SP1** = MCX Straight Plug	**–02SP1** = MCX Straight Plug	
RS316 = RG 316 Cable, Double Shielded			

ALSO AVAILABLE

50 Ω: MMCX, SMA, SMB, BNC, TNC,

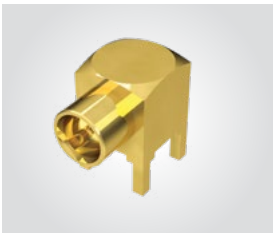
N Type = RF174, RF178, RF316

50 Ω: MMCX, SMA, BNC, TNC = RS316

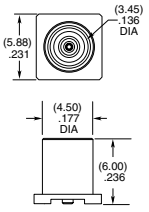
MCX Board Connectors

MCX-TH, MCX-SM, MCX-EM, MCX-MT

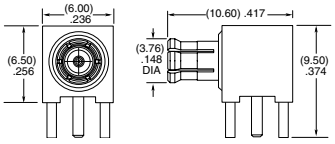
Cable Mates:
RF174, RF178, RF316, RS316, GRF1H-C, IJ5H



MCX	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 (–ST plug not available) **–TH2** = Elevated Through-hole (–ST plug only) **–SM1** = Surface Mount (Jack only) **–EM1** = Edge Mount (–ST jack only) **–MT1** = Mixed Technology (–ST jack only)



-ST-SM1 (Jack)



-RA-TH1 (Plug)

MCX Cable Connectors

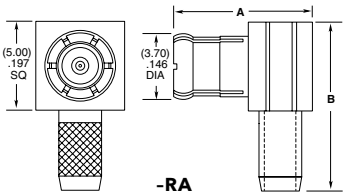
MCX-CA



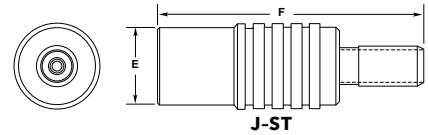
CONNECTORS FOR INDUSTRY STANDARD CABLES	
MCX-J-C-H-ST-CA1	RG 174/316 Cable
*MCX-J-C-H-ST-CA2	RG 178 Cable
MCX-J-C-HF-ST-CA1S	RG 316 Double Shielded Cable
*MCX-P-C-H-ST-CA1	RG 174/316 Cable
MCX-P-C-H-ST-CA2	RG 178 Cable
MCX-P-C-HF-ST-CA1S	RG 316 Double Shielded Cable
*MCX-P-C-H-RA-CA1	RG 174/316 Cable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

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

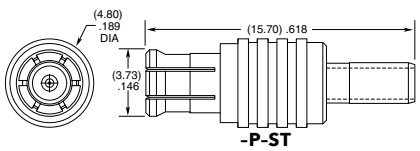
P-C = Cable Plug
J-C = Cable Jack
H or HF = Plating (30 µ" Gold center contact, 3 µ" Gold outer contact)
ST = Straight
RA = Right-angle



-RA



J-ST



-P-ST

TYPE (-RA)	A	B
–P–CA1	(7.78) .306	(9.50) .374
–P–CA2	(8.58) .338	(10.00) .394

TYPE (-ST)	E	F
–J–CA1	(4.50) .177	(15.50) .610
–J–CA2	(4.78) .188	(15.00) .591
–J–CA1S	(4.50) .177	(15.50) .610

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.

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

samtec:

FTS-102-02-F-DV-TR ISDF-06-S-R TSW-103-07-T-D FJ-15-D-15.75-4 SEAF-20-06.5-S-06-2-A-K-TR
TSW-150-08-T-S MMS-114-02-L-DV TSDF-03-S-S FTE-110-01-G-DV HTST-108-01-L-DV-P-TR
SLM-118-01-G-S TSW-111-07-G-D FTSH-110-01-L-D-K HTSS-110-04-S-D-RA MMT-110-01-L-DH
SQT-120-01-L-D-RA TFM-115-02-L-D-LC CES-112-01-T-S ERF8-035-05.0-L-DV-K-TR
IPBT-103-H1-T-S-RA-K MMS-110-01-L-SV SFM-115-02-S-D-A-P CLM-104-02-F-D-BE IPBS-115-01-T-D-GP
PCIE-164-02-F-D-TH BBL-102-T-E CES-108-02-T-S ESQ-106-33-L-D LSS-140-01-L-DV-A
SQT-110-01-L-S-RA