



**CRYSTEK**  
**MICROWAVE**  
 A DIVISION OF CRYSTEK CORPORATION

# RG-178 MMCX RF COAX CABLE ASSEMBLIES



## RG178 50 Ohm MMCX Coaxial Cables

- MMCX / MMCX [Male Straight / Male Straight]
- MMCX / MMCX RA [Male Straight / Male Right Angle]
- MMCX RA / MMCX RA [Male Right Angle / Male Right Angle]
- SMA FB / MMCX [Female Bulk Head / Male Straight]
- SMA FB / MMCX RA [Female Bulkhead / Male Right Angle]

Actual Electrical Data:  
 PN: CCMX-MM-RG178-12

### Features:

- Bandwidth:** DC to 6 GHz
- Strain Relief:** Adhesive shrink tubing over crimp area
- Center Conductor:** [7/.004"] SCCS (Silver Coated Copper Covered Steel)
- Shielding:** SPC (Silver-Plated Copper)
- Insulation:** PTFE (Polytetrafluoroethylene) dielectric
- Cable Outer Diameter:** 0.071" (1.80mm)
- Jacket:** FEP (Fluorinated Ethylene Propylene)
- Connector:** Gold-plated brass
- Operating Temperature:** -40°C to +85°C
- Minimum Bend Radius:** 0.4"

Freq. (MHz)	Insertion Loss
50	-0.38
500	-0.41
1000	-0.62
2000	-0.83
3000	-0.94
4000	-1.12
5000	-1.27
6000	-1.65

*Custom Lengths Available*  
 (Minimum Order Quantity Required)



### MMCX / MMCX [Male Straight / Male Straight]

Part Number	Description	Length
CCMX-MM-RG178-6	RG178 Shielded Cable, MMCX Male STR / Male STR	6"
CCMX-MM-RG178-12	RG178 Shielded Cable, MMCX Male STR / Male STR	12"
CCMX-MM-RG178-18	RG178 Shielded Cable, MMCX Male STR / Male STR	18"
CCMX-MM-RG178-24	RG178 Shielded Cable, MMCX Male STR / Male STR	24"



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**MMCX / MMCX RA [Male Straight / Male Right Angle]**

Part Number	Description	Length
CCMX1-MM-RG178-6	RG178 Shielded Cable, MMCX Male STR / Male RA	6"
CCMX1-MM-RG178-12	RG178 Shielded Cable, MMCX Male STR / Male RA	12"
CCMX1-MM-RG178-18	RG178 Shielded Cable, MMCX Male STR / Male RA	18"
CCMX1-MM-RG178-24	RG178 Shielded Cable, MMCX Male STR / Male RA	24"

**MMCX RA / MMCX RA [Male Right Angle / Male Right Angle]**

Part Number	Description	Length
CCMX2-MM-RG178-6	RG178 Shielded Cable, MMCX Male RA / Male RA	6"
CCMX2-MM-RG178-12	RG178 Shielded Cable, MMCX Male RA / Male RA	12"
CCMX2-MM-RG178-18	RG178 Shielded Cable, MMCX Male RA / Male RA	18"
CCMX2-MM-RG178-24	RG178 Shielded Cable, MMCX Male RA / Male RA	24"

**SMA FB / MMCX [Female Bulk Head / Male Straight]**

Part Number	Description	Length
CCSMX-FBM-RG178-6	RG178 Shielded Cable, SMA Female Bulkhead / Male STR	6"
CCSMX-FBM-RG178-12	RG178 Shielded Cable, SMA Female Bulkhead / Male STR	12"
CCSMX-FBM-RG178-18	RG178 Shielded Cable, SMA Female Bulkhead / Male STR	18"
CCSMX-FBM-RG178-24	RG178 Shielded Cable, SMA Female Bulkhead / Male STR	24"

**SMA FB / MMCX [Female Bulk Head / Male Right Angle]**

Part Number	Description	Length
CCSMX1-FBM-RG178-6	RG178 Shielded Cable, SMA Female Bulkhead / Male RA	6"
CCSMX1-FBM-RG178-12	RG178 Shielded Cable, SMA Female Bulkhead / Male RA	12"
CCSMX1-FBM-RG178-18	RG178 Shielded Cable, SMA Female Bulkhead / Male RA	18"
CCSMX1-FBM-RG178-24	RG178 Shielded Cable, SMA Female Bulkhead / Male RA	24"



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