



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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 ASSEMBLIES**



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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