

RF CABLE ASSEMBLIES RFC-178 SERIES

SPECIFICATIONS

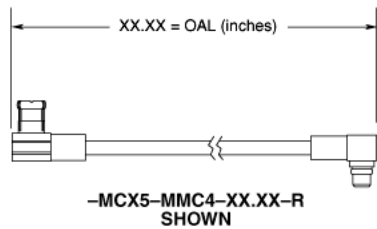
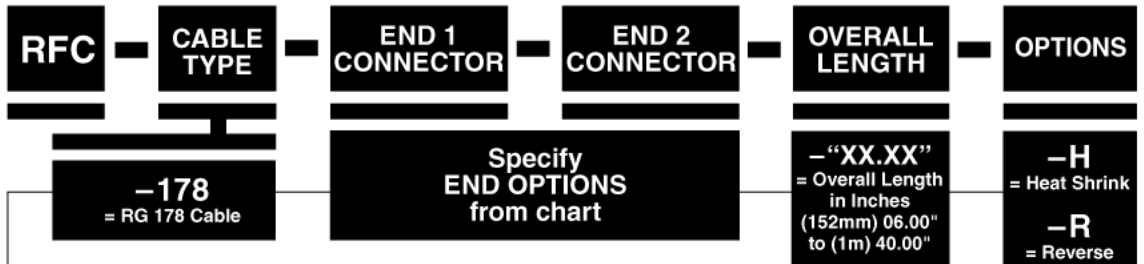
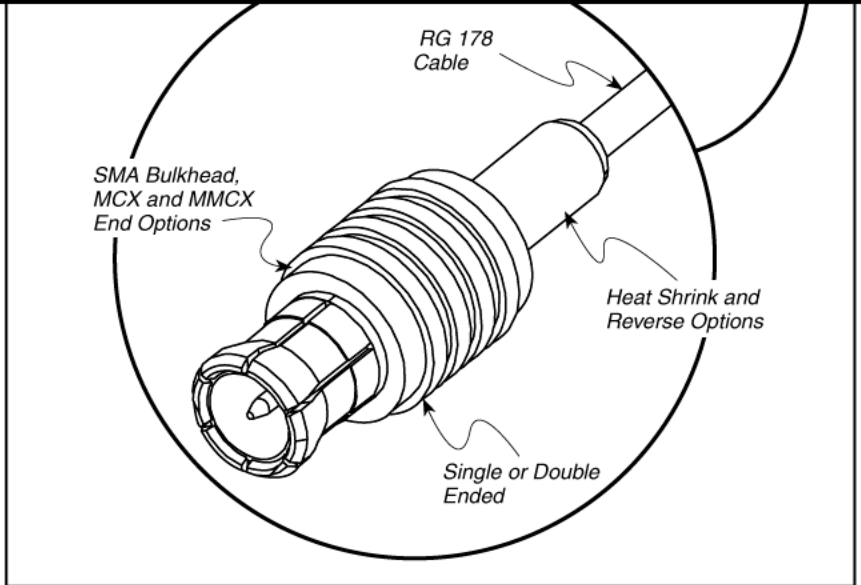
For complete specifications
www.samtec.com?RFC-178

RF Connector:

Shell Material: Brass
Contact Material: Brass
Operating Temperature: -65°C to +165°C
Voltage Rating: 170V max
Dielectric Withstanding Voltage: 750 Vrms
Contact Resistance: Center Contact: 6mΩ max
 Outer Contact: 2mΩ max
Insulator Resistance: 5,000 MΩ
Impedance: 50Ω

RG 178 Cable:

Impedance: 50Ω
Capacitance: 96.432pF/foot
Propagation Delay: 4.83 nsec/meter
Typical Attenuation (cable only): 1.48dB @ 1GHz for 1 meter
Conductor Size: 30 AWG, (0,31mm) .012" dia.
Conductor Material: Silver Plated Copper
Conductor Resistance: 0,34mΩ/meter
Current Rating: 3A
Insulator Diameter: (0,86mm) .034"
Insulator Material: PTFE
Dielectric Constant: 2.1dK
Shield Material: Silver Plated Copper
Jacket Material: FEP
Jacket Diameter: (1,91mm) .075"
Jacket Temp Rating: -50°C to +250°C
Typical Bend Radii: (4,76mm) .188"



END OPTIONS	
-SMA4 = SMA, Straight Bulkhead Jack	
-MCX4 = MCX, Straight Jack	
-MCX5 = MCX, Right Angle Plug	
-MCX6 = MCX, Straight Plug	
-MMC3 = MMCX Straight Plug	
-MMC4 = MMCX, Right Angle Plug	
-SING = Single-Ended (End 2 Callout)	

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM