

Specifications

Material

1. MMCX Right Angle Plug, Gold Plated, P/N: RFCT-MMCX022-M78
2. RG178 Coaxial Cable, Brown
3. SMA Straight Bulkhead Jack With O-ring, IP67, Gold Plated, P/N: RFCT-SMA157-F78
4. O-ring: Silicone Rubber, Red
5. Washer: Brass, Gold Plated
6. Nut: Brass, Gold Plated
7. Heat Shrink Tube: Black

Electrical

1. Impedance: 50 Ohm
2. Working Frequency Range: DC-6GHz.

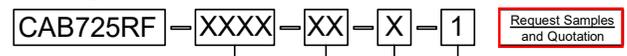
Mechanical & Environmental

1. Operating Temperature: -40°C to +125°C
2. Ingress Protection Rating: IP67
IP6X - Dust tight - no particle ingress.
IPX7 Waterproof for 30 minutes up to 1m underwater.

Notes:

1. The orientation of connectors on drawing is for reference only, If the order is left blank the connector will not have fixed orientation.
2. Fixed orientation is suggested for cable length 50mm to 100mm. Please specify the fixed orientations from the order code (F1, F2, etc.)
3. Contact GCT if the orientation you require is not shown.

Ordering Grid

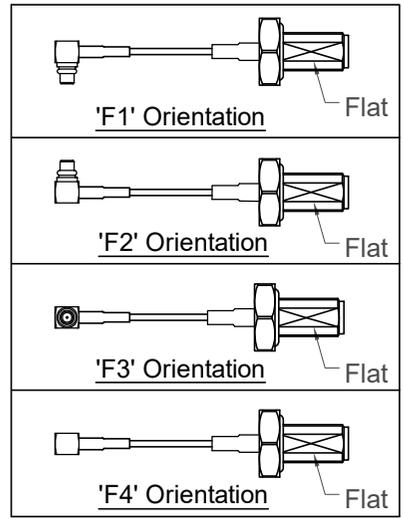


"L" Length in mm:
eg: 100mm = 0100
(Min. 0050 - Max. 2000
Standard = 0100, 0150, 0200)
Tolerance: 50mm: ±2mm.
51-200mm: ±5mm.
201-500mm: ±7mm.
501-999mm: ±10mm.
≥1000mm: ± (Lx0.02)mm

Cable Size:
1 = RG178 Coaxial Cable, Color: Brown

Washer and nut options:
A = All Assembled with Connector (Standard)
0 = Separately Packed

Orientation Options:
00 = Does not have a fixed orientation
F1 = MMCX connection down (L=50-200mm)
F2 = MMCX connection up (L=50-200mm)
F3 = MMCX connection and SMA Jack D flat same orientation (L=50-200mm)
F4 = MMCX connection and SMA Jack D flat opposite orientation (L=50-200mm)
(See notes 1, 2, 3 and diagrams for more information)



Part Number CAB725RF		Product Description MMCX R/A Plug to SMA Bulkhead Jack, With O-ring, IP67, RG178 Cable, 6GHz	
Drawing Date 21st August 2025			
By CC	Detail Drawing Release	Tolerances (Except as Noted) Length ± 0.20	Units: Metric (mm)
Revision A	Date 21/08/25	Angle -	3rd Angle Projection
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
Not to Scale	Drawn By CC	Sheet No. 1/1	 www.gct.co