

Proof voltage 2kV dc min
 Impedance 50Ω
 Temperature rating -25°C to +70°C
 Mfrs. List No. L1465 + suffix

Mfrs. Suffix	Order Code	1+	25+	50+	200+	+
Plug	BFP 310-414	246.00	231.00	202.00	168.00	--
Jack	BFS 310-426	292.00	279.00	241.00	181.00	--
Bulkhead jack	C CS 310-438	268.00	252.00	220.00	189.00	--
PCB jack	PCS 310-440	266.00	250.00	218.00	176.00	--
PCB elbow jack	RPCS 310-451	321.00	308.00	274.00	218.00	--

SMT Ultra-Miniature Coaxial Connectors

U.FL Series



- 2.5mm mated height. (receptacle and RA plug)
- 7.7mm² footprint
- High frequency performance DC to 6 Ghz
- Extraction tool for easy removal

Typical applications: Mobile phones, wireless communications equipment, electronic measuring instruments, GPS, wireless LAN, Bluetooth etc.

Specification
 Impedance 50Ω
 VSWR 1.3 max
 Voltage Rating AC 60V AC (rms)
 Contact Resistance Outer 10 mΩ max
 Contact Resistance Centre 20 mΩ max
 Frequency Range DC - 6GHz
 Temperature Range -40°C to +90°C

Materials
 Body Phosphor bronze silver plated
 Male Contact Brass gold plated
 Female Contact Phosphor bronze gold plated
 Insulator Receptacle LCP UL94V-0
 Plug PBT UL94V-0

Mfrs. List No.	Order Code	1+	25+	50+	100+
Receptacle SMT					
U.FL-R-SMT(01)	390-8021	75.00	68.00	62.00	57.00
Cable Assembly Single End 200mm					
U.FL-LP-5016-A-(200)	391-0659	281.00	255.00	240.00	231.00
Cable Assembly Double Ended 50mm					
U.FL-2LP-5016-A-(50)	390-8033	353.00	321.00	298.00	291.00
Cable Assembly Double Ended 100mm					
U.FL-2LP-5016-A-(100)	390-8045	365.00	332.00	299.00	301.00
Cable Assembly Double Ended 150mm					
U.FL-2LP-5016-A-(150)	390-8057	377.00	343.00	329.00	311.00
Cable Assembly Double Ended 200mm					
U.FL-2LP-5016-A-(200)	390-8069	392.00	356.00	339.00	323.00
Adaptor U.FL Jack-SMA Plug					
HRMP-U.FLJ	390-8070	2,104.00	1,912.00	1,701.00	1,618.00
HRMP-U.FLJ(40)	107-7733	2,104.00	1,912.00	1,701.00	1,618.00
Adaptor U.FL Plug-SMA Jack					
HRMJ-U.FLP	390-8082	2,555.00	2,323.00	2,002.00	1,965.00
HRMJ-U.FLP(40)	107-7734	2,555.00	2,323.00	2,002.00	1,965.00
Extraction Tool					
E.FL-LP-N	390-8094	5,570.00			

SMT Ultra-Miniature Coaxial

H.FL Series



- 3mm mated height
- High frequency performance to 6Ghz
- Impedance 50Ω and 75Ω

Specification
 Impedance 50Ω and 75Ω
 VSWR 1.3 or less DC to 6Ghz
 Insulation Resistance 500MΩ
 Contact Resistance Outer 20mΩ
 Contact Resistance Centre 20mΩ
 Frequency Max 6 Ghz
 Temperature Range -40°C to +90°C

Materials
 Body Phosphor Bronze Silver plated
 Male Contact Bronze gold plated Gold plated
 Female Contact Phosphor Bronze Gold plated
 Insulator LCP Receptacle
 PBT Plug

233330

Mfrs. List No.	Order Code	1+	25+	50+	100+
Receptacle SMT					
H.FL-R-SMT(01)	390-8100	111.00	101.00	94.00	85.00
Cable Assembly 50Ω 200mm					
H.FL6G-2LP-084H-A-200	390-8112	436.00	397.00	365.00	359.00
Cable Assembly 75Ω 200mm					
H.FL75-2LP-084H-A-200	390-8124	432.00	394.00	374.00	356.00
Conversion Adaptors					
HRMP-H.FLJ	390-8136	2,681.00	2,438.00	2,174.00	2,062.00
HRMJ-H.FLP-3	390-8148	2,983.00	2,712.00	2,494.00	2,438.00

Microminiature Coaxial Connectors

MMCX Plugs and Jacks

50Ω



- Micro Miniature connectors for cable and PCB applications
- Ultra low profile space saving design
- Snap on coupling for fast connect disconnect

Impedance 50Ω
 Frequency Range 6 GHz0 -
 VSWR - Straight 1.10 : 1
 VSWR - RA 1.15 : 1
 Contact Resistance - Centre 15mΩ Max
 Contact Resistance - Outer 7.5mΩ Max
 Insulation Resistance 1000 MΩ Min
 Body BrassGold plated
 Centre Contact Male BrassGold plated
 Centre Contact Female Gold Beryllium Copper plated
 Dielectric PTFE

Cable	Mfrs. List No.	Order Code	1+	10+	50+	100+	+
Straight Plug - Crimp							
RG174	1-1634000-0.	412-7171	280.00	263.00	252.00	211.00	--
RG174	1-1634000-0.	105-6314	280.00	263.00	252.00	211.00	--
RG178	1-1634001-0.	412-7183	355.00	330.00	319.00	282.00	--
RG178	1-1634001-0.	105-6315	355.00	330.00	319.00	282.00	--
RA Plug - Crimp							
RG174	1-1634002-0.	412-7195	392.00	371.00	352.00	317.00	--
RG174	1-1634002-0.	105-6316	392.00	371.00	352.00	317.00	--
RG178	1-1634003-0.	412-7201	409.00	394.00	369.00	324.00	--
RG178	1-1634003-0.	105-6317	409.00	394.00	369.00	324.00	--
PCB Mount Sockets							
Straight	1-1634009-0.	412-7213	256.00	239.00	228.00	204.00	--
Straight	1-1634009-0.	105-6318	256.00	239.00	228.00	204.00	--
RA	1-1634010-0.	412-7225	341.00	325.00	303.00	278.00	--
RA	1-1634010-0.	105-6319	341.00	325.00	303.00	278.00	--

MMBX Series

50Ω Snap-Fit Plugs, Jacks and Adaptors



- Designed for board to board applications where space is limited
- Floating PCB jacks and plugs compensate for any slight radial board misalignments
- Snap on coupling ensures a fast reliable connection
- Operates at frequencies up to 12.4GHz*

NEW

Impedance 50Ω
 Frequency Range 0 to 12.4GHz*
 Temp Range -55°C155°C to +
 *RG178 Cable Specified Up To 5GHz Only

Cable Connectors
 Body Brass, Sucoopro Plated
 Center Contact Beryllium Copper, Gold Plated
 Outer Contact Beryllium Copper, Sucoopro Plated
 Insulator PTFE / PFA
 Mating Cycles 100

Adaptors/PCB connectors
 Body Brass, Sucoopro Plated
 Beryllium-Copper, Gold Plated
 C97, Sucoopro Plated
 LCP / PTFE / PFA
 100

Cable Type	Mfrs. List No.	Order Code	1+	10+	25+
Straight Cable Plugs					
RG178	11MMBX-50-1-1/111NE	855-8299	937.00	750.00	696.00
RG316	11MMBX-50-2-1/111NE	855-8302	937.00	750.00	696.00
RG405	11MMBX-50-2-4/111NH	855-8310	1,365.00	1,092.00	992.00
Right Angled Cable Plugs					
RG178	16MMBX-50-1-1/111NE	855-8329	1,079.00	840.00	688.00
RG316	16MMBX-50-2-1/111NE	855-8337	1,028.00	822.00	762.00
RG405	16MMBX-50-2-4/111NH	855-8345	1,460.00	1,168.00	1,062.00
Bulkhead Mount Jacks					
	22MMBX-50-0-1/111NE	855-8353	769.00	598.00	494.00
PCB Mount Plugs					
	81MMBX-50-0-2/111NE	855-8396	974.00	758.00	620.00
PCB Mount Jacks					
	82MMBX-50-0-2/111NE	855-8400	513.00	410.00	379.00

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Connectors - RF Coaxial

Compliant
 Non-compliant
 Limited stock - RoHS replacement available
RoHS