

# UFP RF Cables

## UFP Connectors are Compatible with U.FL™ and MHF™

### UFP Jumpers Operate to 6 GHz

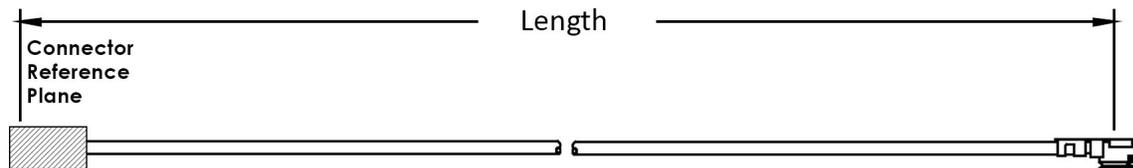
P1dB's UFP series ultra-miniature coax jumpers are low-profile designs that are fully compatible with Hirose U.FL™ and IPEX MHF™ connectors and jumpers. Our UFP jumpers are available in a variety of coax options, which are 0.081mm, 1.13mm, 1.32mm, 1.37mm, 047CC and RG178. Although there are many coax options for our U series coax, there are many more options available for 047CC and RG178 coax cables. All connector and coax options will support WiFi, LTE, Bluetooth, RFID, GPS and other wireless technologies.

#### Features and Benefits:

- Low-profile UFP connectors are 100% compatible with U.FL™ and MHF™ connectors
- .081mm, 1.13mm, 1.32mm, 1.37mm, 047CC and RG178 coax options
- Broad selection of connector options with .047CC and RG178 coax cables
- Applications: WiFi, LTE, Bluetooth, RFID, GPS and other Wireless Technologies



#### Part Number



### P1CA-[connector code]-[coax code]-xxx

xxx = length in inches (12 = 12 inches)  
xxxCM = length in centimeters (6CM = 6 centimeters)

#### Connector Codes

	UFP Plug	SMA Male	SMA Female Bulkhead	RP-SMA Female Bulkhead	MCX Plug Right Angle	MMCX Plug Right Angle	Other Connectors
UFP Plug	UFPUPF	SAMUPF	SAFBUFP	SARFBUFP	MXPUFP	MMPUPF	Inquire

#### Coax Options

Coax Code	Diameter	Impedance (Ohms)	Max Freq (GHz)	Insertion Loss (2.5 GHz)	Velocity of Propagation	Shield Coverage
047CC	0.047 in. (1.19 mm)	50	6	0.58 dB/ft.	70.0%	100.0%
RG178	0.071 in. (1.80 mm)	50	6	0.62 dB/ft.	65.9%	95.0%
U081	0.031 in. (0.081 mm)	50	6	1.79 dB/ft.	65.9%	90.0%
U113	0.044 in. (1.13 mm)	50	6	1.10 dB/ft.	69.0%	90.0%
U132	0.051 in. (1.32 mm)	50	6	0.96 dB/ft.	69.0%	90.4%
U137	0.053 in. (1.37mm)	50	6	0.79 dB/ft.	69.5%	96.4%

\* U.FL is a trademark of Hirose Electric  
\*\* MHF is a trademark of I-PEX

Other configurations may be available, but delivery may be longer.  
Discuss your requirements with P1dB : sales@p1db.com / 888.209.5513.  
Or contact RFMW (www.rfmw.com), P1dB's exclusive distribution partner.