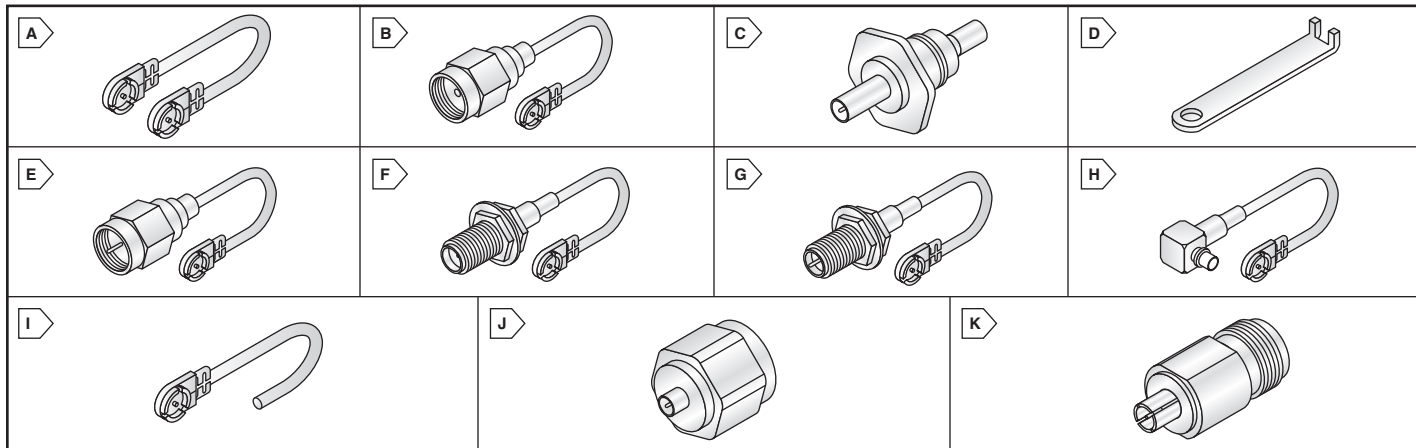


JOHNSON COMPONENTS RF Cable Assemblies



FIXED LENGTH FLEXIBLE RF CABLE ASSEMBLIES

Applications

- Wireless LAN, Mini-PCI, and Hand-Held RF Devices
- GSM, GPRS & CDMA Mobile Phones
- PDA & Notebook Computers
- GPS
- Bluetooth
- Microwave radio and measurement

Specifications

- Impedance: 50Ω (Nominal)
- Temperature Range: -40°C to +90°C
- Frequency Rating: 0-6 GHz
- VSWR: 1.30 max
- Durability: 30 cycles

Features

- Ultra Low Connections
- R/A plug to R/A plug cable assemblies on .81mm, 1.13mm, 1.32mm and 1.37mm cables.
- UMC cables available in a variety of standard off-the-shelf lengths (from 50mm to 500mm).
- Between-series cables available with standard & reverse polarity SMA plugs and Bulkhead jacks or MMCX plugs on one end of the cable and the UMC plug on the other end.
- In-series UMC adapters available to support testing requirements.
- All cabled plugs and jack receptacles are supplied with gold plated contacts and bodies.
- UMC connectors mate with Hirose U.F.L series connectors.*

* Hirose and U.F.L are trademarks to Hirose Electric USA.
Hirose Electric is not affiliated with UMC products.



RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Mated Height (mm)	Cable Diam. (mm)	Cable Length (mm)	Price Each			
						1	10	25	100
UMC Right Angle Plug to UMC Right Angle Plug									
530-415-0084-050	415-0084-050	A	2.0	0.81	50				
530-415-0084-100	415-0084-100	A	2.0	0.81	100				
530-415-0084-150	415-0084-150	A	2.0	0.81	150				
530-415-0084-200	415-0084-200	A	2.0	0.81	200				
530-415-0084-250	415-0084-250	A	2.0	0.81	250				
530-415-0084-300	415-0084-300	A	2.0	0.81	300				
530-415-0084-500	415-0084-500	A	2.0	0.81	500				
530-415-0085-050	415-0085-050	A	2.5	0.81	50				
530-415-0085-100	415-0085-100	A	2.5	0.81	100				
530-415-0085-150	415-0085-150	A	2.5	0.81	150				
530-415-0085-200	415-0085-200	A	2.5	0.81	200				
530-415-0085-250	415-0085-250	A	2.5	0.81	250				
530-415-0085-300	415-0085-300	A	2.5	0.81	300				
530-415-0085-500	415-0085-500	A	2.5	0.81	500				
530-415-0086-050	415-0086-050	A	2.5	1.13	50				
530-415-0086-100	415-0086-100	A	2.5	1.13	100				
530-415-0086-150	415-0086-150	A	2.5	1.13	150				
530-415-0086-200	415-0086-200	A	2.5	1.13	200				
530-415-0086-250	415-0086-250	A	2.5	1.13	250				
530-415-0086-300	415-0086-300	A	2.5	1.13	300				
530-415-0086-500	415-0086-500	A	2.5	1.13	500				
530-415-0087-050	415-0087-050	A	2.5	1.32	50				
530-415-0087-100	415-0087-100	A	2.5	1.32	100				
530-415-0087-150	415-0087-150	A	2.5	1.32	150				
530-415-0087-200	415-0087-200	A	2.5	1.32	200				
530-415-0087-250	415-0087-250	A	2.5	1.32	250				
530-415-0087-300	415-0087-300	A	2.5	1.32	300				
530-415-0087-500	415-0087-500	A	2.5	1.32	500				
530-415-0088-050	415-0088-050	A	2.5	1.37	50				
530-415-0088-100	415-0088-100	A	2.5	1.37	100				
530-415-0088-150	415-0088-150	A	2.5	1.37	150				
530-415-0088-200	415-0088-200	A	2.5	1.37	200				
530-415-0088-250	415-0088-250	A	2.5	1.37	250				
530-415-0088-300	415-0088-300	A	2.5	1.37	300				
530-415-0088-500	415-0088-500	A	2.5	1.37	500				

UMC Right Angle Plug to SMA Straight Plug

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Mated Height (mm)	Cable Diam. (mm)	Cable Length (mm)	Price Each			
						1	5	10	25
530-415-0089-150	415-0089-150	B	2.0	0.81	150				
530-415-0089-250	415-0089-250	B	2.0	0.81	250				
530-415-0090-150	415-0090-150	B	2.5	0.81	150				
530-415-0090-250	415-0090-250	B	2.5	0.81	250				
530-415-0091-150	415-0091-150	B	2.5	1.37	150				
530-415-0091-250	415-0091-250	B	2.5	1.37	250				

TOOL

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Description	Price Each	
				1	5
530-134-1019-381	134-1019-381	C	Inspection Tool		

KEY

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Description	Price Each	
				1	10
530-128-0000-901	128-0000-901	D	UMC Separation Key		

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Mated Height (mm)	Cable Diam. (mm)	Cable Length (mm)	Price Each			
						1	5	10	25
UMC Right Angle Plug to SMA Straight Reverse Polarity Plug									
530-415-0092-150	415-0092-150	E	2.0	0.81	150				
530-415-0092-250	415-0092-250	E	2.0	0.81	250				
530-415-0093-150	415-0093-150	E	2.5	0.81	150				
530-415-0093-250	415-0093-250	E	2.5	0.81	250				
530-415-0094-150	415-0094-150	E	2.5	1.37	150				
530-415-0094-250	415-0094-250	E	2.5	1.37	250				
UMC Right Angle Plug to SMA Straight Jack									
530-415-0095-150	415-0095-150	F	2.0	0.81	150				
530-415-0095-250	415-0095-250	F	2.0	0.81	250				
530-415-0096-150	415-0096-150	F	2.5	0.81	150				
530-415-0096-250	415-0096-250	F	2.5	0.81	250				
530-415-0097-150	415-0097-150	F	2.5	1.37	150				
530-415-0097-250	415-0097-250	F	2.5	1.37	250				
UMC Right Angle Plug to Bulkhead Reverse Polarity Jack									
530-415-0098-150	415-0098-150	G	2.0	0.81	150				
530-415-0098-250	415-0098-250	G	2.0	0.81	250				
530-415-0099-150	415-0099-150	G	2.5	0.81	150				
530-415-0099-250	415-0099-250	G	2.5	0.81	250				
530-415-0100-150	415-0100-150	G	2.5	1.37	150				
530-415-0100-250	415-0100-250	G	2.5	1.37	250				
UMC Right Angle Plug to MMCX Right Angle Plug									
530-415-0101-150	415-0101-150	H	2.0	0.81	150				
530-415-0101-250	415-0101-250	H	2.0	0.81	250				
530-415-0102-150	415-0102-150	H	2.5	0.81	150				
530-415-0102-250	415-0102-250	H	2.5	0.81	250				
530-415-0103-150	415-0103-150	H	2.5	1.37	150				
530-415-0103-250	415-0103-250	H	2.5	1.37	250				

UMC Right Angle Plug to Bare End

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Mated Height (mm)	Cable Diam. (mm)	Cable Length (mm)	Price Each			
						1	10	25	100
530-415-0104-150	415-0104-150	I	2.0	0.81	150				
530-415-0104-250	415-0104-250	I	2.0	0.81	250				
530-415-0105-150	415-0105-150	I	2.5	0.81	150				
530-415-0105-250	415-0105-250	I	2.5	0.81	250				
530-415-0106-150	415-0106-150	I	2.5	1.13	150				
530-415-0106-250	415-0106-250	I	2.5	1.13	250				
530-415-0107-150	415-0107-150	I	2.5	1.32	150				
530-415-0107-250	415-0107-250	I	2.5	1.32	250				
530-415-0108-150	415-0108-150	I	2.5	1.37	150				
530-415-0108-250	415-0108-250	I	2.5	1.37	250				

ADAPTERS

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Description	Price Each	
				1	5
530-134-1019-361	134-1019-361	J	UMC Jack to SMA Plug		
530-134-1019-371	134-1019-371	K	UMC Plug to SMA Jack		