

UMCC CABLE ASSEMBLIES

Description:

- Extremely Low Profile
- Surface Mount Technology
- 360° mated rotation

Applications:

- Wireless LAN, Mini PCI
- Mobile Antenna/GPS/Radio Systems
- PDA / PCS / Cellular Handset Applications
- Wireless Communications Systems (LAN, GSM, PCS, WCDMA, UMTS)
- Remote Measuring Equipment

Specifications:

- Characteristic Impedance: 50Ω
- Frequency Range: DC to 6 GHz
- VSWR (mated pair): 1.30 max DC to 3 GHz
- 1.40 max 3 to 6 GHz (cable dependent)
- Durability: 30 cycles
- Operating Temperature: - 40°C to + 90°C

• RoHS Compliant per Tyco Electronics Documentation

Features:

- Ultra Low Profile (2.0mm or 2.5mm maximum mated height)
- Easy snap on/off mating
- Small footprint on PCB (3mm x 3mm)
- Excellent performance to 6 GHz
- Surface Mount and Reflow Solderable
- Available on 0.80mm and 1.37mm dia. single shield, and 1.32mm dia. double shield cable
- **Style A** Receptacles mates with HIROSE† U.FL/U.FL(v) Series Connectors
- **Style B** Receptacles mates with MURATA† GSC Series Connectors

† HIROSE is a trademark of Hirose Electric U.S.A. Hirose Electric U.S.A. is not affiliated with the UMCC product.

† MURATA is a trademark of Murata Manufacturing Company, Ltd. Murata Manufacturing Company, Ltd. is not affiliated with the UMCC product.



RoHS Compliant

STANDARD DOUBLE ENDED CABLE ASSEMBLIES

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Conn. Type	Mates w/ PCB Receptacle	Mated Height (mm)	Cable Dia. (mm)	Length (mm)	Price Each		
								1	5	10
571-1750109-1	1750109-1	A	I	Style B	2.0	0.80	100	3.58	3.31	3.04
571-1750109-2	1750109-2	A	I	Style B	2.0	0.80	200	4.53	4.11	3.83
571-1750107-1	1750107-1	A	III	Style A	2.5	0.80	100	4.08	3.93	3.80
571-1750107-2	1750107-2	A	III	Style A	2.5	0.80	200	4.53	4.36	4.25
571-1750107-3	1750107-3	A	III	Style A	2.5	1.32	100	4.75	4.52	4.27
571-1750107-5	1750107-5	A	III	Style A	2.5	1.32	100	4.83	4.60	4.27
571-1750107-6	1750107-6	A	III	Style A	2.5	1.32	200	4.90	4.72	4.56



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INTERSERIES CABLE ASSEMBLIES

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Conn. Type	Mates w/ PCB Receptacle	Mated Height (mm)	Cable Dia. (mm)	Length (mm)	Price Each		
								1	5	10
571-1750110-2	1750110-2	B	III	UMCC Plug to FME Plug	2.5	1.37	200	21.54	19.39	18.31
571-1750110-7	1750110-7	C	II	UMCC Plug to MCX R/A Plug	2.0	0.80	200	17.34	16.76	16.12
571-1750110-8	1750110-8	C	III	UMCC Plug to MCX R/A Plug	2.5	1.37	200	20.20	18.18	17.17
571-1750110-9	1750110-9	D	II	UMCC Plug to MMCX R/A Plug	2.0	0.80	200	19.65	19.30	18.76



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PCB RECEPTACLES

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MOUSER STOCK NO.	AMP Part No.	Fig.	Style	Mates w/ UMCC Cable Conn Type	Mated Height (mm)	Price Each		
						1	5	10
571-1566230-2	1566230-2	E	A	II / III	2.0/2.5	1.28	1.16	1.07
571-1775146-2	1775146-2	F	B	I	2.0	.82	.76	.708



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RF ADAPTERS

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Description	UMCC Conn. Type	Price Each		
					1	5	10
571-1775229-1	1775229-1	G	UMCC Plug to SMA Jack	I	42.71	38.44	36.31
571-1775230-1	1775230-1	G	UMCC Plug to SMA Jack	II / III	41.66	38.44	36.31
571-1775228-1	1775228-1	H	UMCC Jack Receptacle to SMA Plug	I	42.71	38.44	36.31
571-1775227-1	1775227-1	H	UMCC Jack Receptacle to SMA Plug	II / III	41.66	38.44	36.31



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EXTRACTION TOOL

For of 6 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Description	Price Each	
				1	5
571-1775231-1	1775231-1	I	Extraction Tool	3.03	2.06

