Laird
Smart Technology. Delivered.

RF Cable Assembly
CA178
700 MHz to 5.82 GHz

The CA178 cable assemblies offered by Laird are engineered for peak performance up to 6 GHz. They are tested 100% and certified to meet performance specifications. Equipment manufacturers require certified cable assemblies to minimize system losses to within known parameters and these cable assemblies meet those requirements. The manufacturing processes and raw materials are well controlled in order to provide very consistent performance from lot to lot.

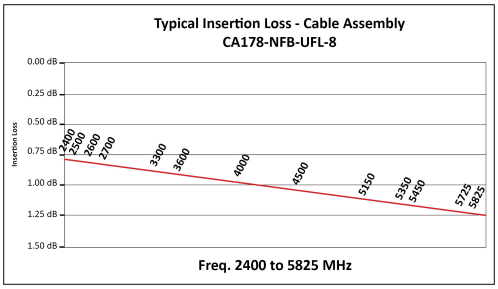
FEATURES RoHS

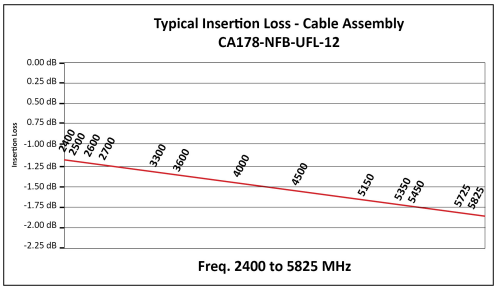
- Consistent low loss design construction
- 100% tested and certified to meet specifications
- Various connector options available
- Flexible high temperature kink resistant cable jacket

MARKETS

- High performance wireless systems
- OEM equipment
- WiMAX

INSERTION LOSS BY FREQUENCY





PARAMETER	CA178-NFB-UFL-8	CA178-NFB-UFL-12
Insertion loss (700-5825 MHz)	-1.5 dB max	-2.5 dB max
Length	8 in (203 mm)	12 in (305 mm)
Weight	1.4 oz (40 gm)	1.5 oz (43 gm)
Connector types	N female bulkhead - UFL	N female bulkhead - UFL
N connector seal	O-ring	O-ring
Contact plating	Gold	Gold
Operating temperature	-40 to +125°C	-40 to +125°C

SYSTEM ORDERING

CA178-NFB-UFL-8	N Female Bulkhead to U.FL 8 in
CA178-NFB-UFL-12	N Female Bulkhead to U.FL
CA178-NM-UFL-8	12 in N Male to U.FL 8 in
CA178-NM-UFL-12	N Male to U.FL 12 in

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PART NUMBER	CONNECTOR 1	CONNECTOR 2	CABLE LENGTH (INCHES)	CABLE TYPE	MAX INSERTION LOSS (DB)
CA100-NFB-MC-12	N female bulkhead	MC-card	12	LMR100 (equivalent)	1.5
CA100-NFB-MMCX-12	N female bulkhead	MMCX	12	LMR100 (equivalent)	1.5
CA100-NFB-RASMAM-12	N female bulkhead	Right angle SMA male	12	LMR100 (equivalent)	1
CA100-NFB-RMMCX-12	N female bulkhead	Reverse polarity MMCX	12	LMR100 (equivalent)	1.5
CA100-NFB-RSMAM-12	N female bulkhead	Reverse polarity SMA male	12	LMR100 (equivalent)	1
CA100-NFB-RTNCM-12	N female bulkhead	Reverse polarity TNC male	12	LMR100 (equivalent)	1
CA100-NFB-SMAM-8	N female bulkhead	SMA male	8	LMR100 (equivalent)	0.8
CA100-NM-MC-12	N male	MC-card	12	LMR100 (equivalent)	1
CA100-NM-MMCX-12	N male	MMCX	12	LMR100 (equivalent)	1
CA100-NM-RASMAM-12	N male	Right angle SMA male	12	LMR100 (equivalent)	1
CA100-NM-RSMAM-12	N male	Reverse polarity SMA male	12	LMR100 (equivalent)	1
CA100-NM-RTNCM-12	N male	Reverse polarity TNC male	12	LMR100 (equivalent)	1
CA100-RPSMAM-RASMAM-12	Reverse polarity SMA male	Right angle SMA male	12	LMR100 (equivalent)	1
CA100-RPTNCF-NC-6	Reverse polarity TNC female bulkhead	No connector	6	LMR100 (equivalent)	0.5
CA100-RPTNCM-RASMAM-12	Reverse polarity TNC male	Right angle SMA male	12	LMR100 (equivalent)	1
CA100-TNCF-NC-6	TNC female bulkhead	No connector	6	LMR100 (equivalent)	0.5
CA178-NFB-UFL-12	N female bulkhead	U.FL	12	RG178 hi freq	2
CA178-NFB-UFL-8	N female bulkhead	U.FL	8	RG178 hi freq	1.5
CA178-NM-UFL-12	N male	U.FL	12	RG178 hi freq	2
CA178-NM-UFL-8	N male	U.FL	8	RG178 hi freq	1.5
CA178-RTNCB-MMCX-4	Reverse polarity TNC bulkhead (black)		4	RG178 hi freq	0.8
CA178-RTNCB-MMCX-6	MMCX Reverse polarity TNC bulkhead		6	RG178 hi freq	1
CA178-RTNCB-UFL-6	(black) MMCX Reverse polarity TNC		6	RG178 hi freq	1
CA400-NM-NM-48	N male bulkhead (black) U.FL	N male	48	LMR400 (equivalent)	0.8
CA58-NM-MCX-197	N male	MCX	197	RG58/u (white)	5
CA58-SMA-MCX-96	Right angle SMA male	MCX	96	RG58/u (white)	2.5
CA58-SMA-NF-96	Right angle SMA male	N female bulkhead	96	RG58/u (white)	2.5
CA58-SMA-RSMA-96	Right angle SMA male	Reverse polarity SMA male	96	RG58/u (white)	2.5
CA58-SMA-RTNC-96	Right angle SMA male	Reverse polarity TNC male	96	RG58/u (white)	2.5
CA58-SMA-SMAF-96	Right angle SMA male	SMA female bulkhead	96	RG58/u (white)	2.5

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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