

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.

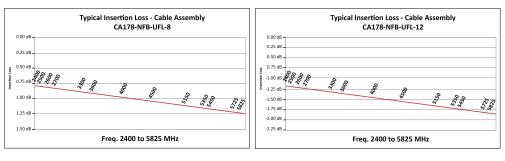
FEATURES **V**RoHS

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

INSERTION LOSS BY FREQUENCY

MARKETS

- High performance wireless systems
- OEM equipment
- WiMAX



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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Smart Technology. Delivered.

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CA100-NFB-MC-12 N female bulkhead MC-card 12 LMR100 (equivalent) CA100-NFB-MMCX-12 N female bulkhead MMCX 12 LMR100 (equivalent) CA100-NFB-RASMAM-12 N female bulkhead Right angle SMA male 12 LMR100 (equivalent)	1.5 1.5 1 1.5
	1
CA100-NFB-RASMAM-12 N female bulkhead Right angle SMA male 12 LMR100 (equivalent)	
	15
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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