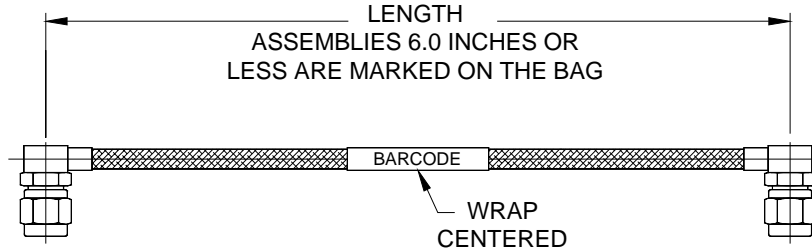


# cable assemblies

sma, plug, right angle, .085 conformable cable, sma, plug, right angle



MECHANICAL SPECIFICATIONS	
CABLE MAX. DIAMETER:	0.088 INCHES
MINIMUM BEND RADIUS:	0.13 INCHES
CONNECTOR RETENTION:	25 POUNDS MIN.
TEMPERATURE RANGE:	-55 to +125 DEGREES C
MATING TORQUE:	7 TO 10 INCH POUNDS
CONNECTOR INTERFACES:	MIL-STD-348 Fig. 310.3

ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	28.8 pf/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.5 %
RELATIVE SHIELDING:	-100.0 dB MIN.
INSULATION RESISTANCE:	5000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY, NOMINAL:	1.44 ns/FOOT
ELECTRICAL DELAY, NOMINAL:	120 ps/INCH
PULSE RF POWER:	750 WATTS MAX.

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	TIN FILLED COMPOSIT BRAID	NONE
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
CONTACTS:	ASTM-B-196, BERYLLIUM COPPER	ASTM-B-488, GOLD
INSULATORS:	ASTM-D-4894, PTFE	NONE
BODIES:	ASTM-A-582, 303 STAINLESS STEEL	ASTM-B-488, GOLD
COUPLING NUTS:	ASTM-A-582, 303 STAINLESS STEEL	AMS QQ-P-35, PASSIVATE
GASKETS:	ZZ-R-765, SILICON RUBBER	RED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

VSWR / INSERTION LOSS SPECIFICATIONS																
PART NUMBER	LENGTH INCHES	+ / - INCHES	WEIGHT OUNCES	MAXIMUM VSWR						MAXIMUM LOSS						
				UP to 1	1 to 2	2 to 4	4 to 6	6 to 12	12 to 18	UP to 1	1 to 2	2 to 4	4 to 6	6 to 12	12 to 18	
9898-9086-66002	2.0	0.03	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.11	0.16	0.22	0.28	0.42	0.50	
9898-9086-66004	4.0	0.06	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.15	0.21	0.30	0.38	0.57	0.69	
9898-9086-66006	6.0	0.06	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.18	0.27	0.38	0.48	0.73	0.89	
9898-9086-66008	8.0	0.10	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.22	0.32	0.46	0.58	0.88	1.08	
9898-9086-66010	10.0	0.10	0.5	1.10	1.14	1.18	1.22	1.25	1.35	0.26	0.38	0.55	0.68	1.04	1.28	
9898-9086-66012	12.0	0.10	0.5	1.10	1.14	1.18	1.22	1.25	1.35	0.30	0.43	0.63	0.78	1.19	1.47	
9898-9086-66015	15.0	0.15	0.5	1.10	1.14	1.18	1.22	1.25	1.35	0.35	0.51	0.75	0.94	1.43	1.76	
9898-9086-66018	18.0	0.15	0.6	1.10	1.14	1.18	1.22	1.25	1.35	0.41	0.60	0.87	1.09	1.66	2.06	
9898-9086-66021	21.0	0.20	0.6	1.10	1.14	1.18	1.22	1.25	1.35	0.47	0.68	0.99	1.24	1.89	2.35	
9898-9086-66024	24.0	0.20	0.7	1.10	1.14	1.18	1.22	1.25	1.35	0.53	0.76	1.11	1.40	2.13	2.64	
9898-9086-66028	28.0	0.28	0.7	1.10	1.14	1.18	1.22	1.22	1.35	0.60	0.87	1.27	1.60	2.44	3.03	
9898-9086-66032	32.0	0.32	0.8	1.10	1.14	1.18	1.22	1.22	1.35	0.68	0.98	1.44	1.80	2.75	3.42	
9898-9086-66036	36.0	0.36	0.8	1.10	1.14	1.18	1.22	1.225	1.35	0.76	1.10	1.60	2.01	3.06	3.81	
9898-9086-66042	42.0	0.42	0.9	1.10	1.14	1.18	1.22	1.25	1.35	0.87	1.26	1.84	2.31	3.52	4.39	
9898-9086-66048	48.0	0.48	1.0	1.10	1.14	1.14	1.22	1.25	1.35	0.98	1.43	2.08	2.62	3.99	4.97	

Specifications are subject to change without notice