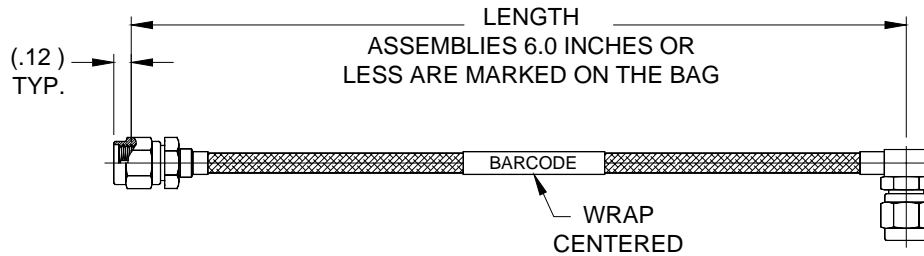


cable assemblies

sma, plug, straight, .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	
9898-9086-68002	2.0	0.03	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.10	0.14	0.20	0.25	0.38	0.45	
9898-9086-68004	4.0	0.06	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.14	0.20	0.28	0.35	0.53	0.65	
9898-9086-68006	6.0	0.06	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.17	0.25	0.36	0.45	0.69	0.84	
9898-9086-68008	8.0	0.10	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.21	0.31	0.44	0.56	0.85	1.03	
9898-9086-68010	10.0	0.10	0.5	1.10	1.14	1.18	1.22	1.25	1.35	0.25	0.36	0.53	0.66	1.00	1.23	
9898-9086-68012	12.0	0.10	0.5	1.10	1.14	1.18	1.22	1.25	1.35	0.29	0.42	0.61	0.76	1.16	1.42	
9898-9086-68015	15.0	0.15	0.5	1.10	1.14	1.18	1.22	1.25	1.35	0.35	0.50	0.73	0.91	1.39	1.72	
9898-9086-68018	18.0	0.15	0.6	1.10	1.14	1.18	1.22	1.25	1.35	0.40	0.58	0.85	1.06	1.62	2.01	
9898-9086-68021	21.0	0.20	0.6	1.10	1.14	1.18	1.22	1.25	1.35	0.46	0.67	0.97	1.22	1.85	2.30	
9898-9086-68024	24.0	0.20	0.7	1.10	1.14	1.18	1.22	1.25	1.35	0.52	0.75	1.09	1.37	2.09	2.59	
9898-9086-68028	28.0	0.28	0.7	1.10	1.14	1.18	1.22	1.25	1.35	0.59	0.86	1.25	1.57	2.40	2.98	
9898-9086-68032	32.0	0.32	0.8	1.10	1.14	1.18	1.22	1.25	1.35	0.67	0.97	1.42	1.78	2.71	3.37	
9898-9086-68036	36.0	0.36	0.8	1.10	1.14	1.18	1.22	1.25	1.35	0.75	1.09	1.58	1.98	3.02	3.76	
9898-9086-68042	42.0	0.42	0.9	1.10	1.14	1.18	1.22	1.25	1.35	0.86	1.25	1.82	2.29	3.48	4.34	
9898-9086-68048	48.0	0.48	1.0	1.	1.14	1.18	1.22	1.25	1.35	0.97	1.41	2.06	2.59	3.95	4.93	

Specifications are subject to change without notice