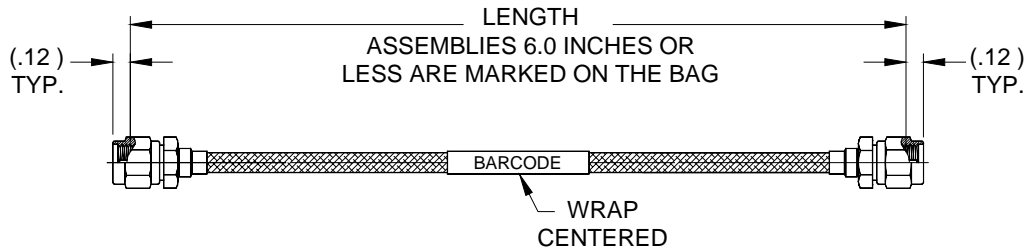


cable assemblies

sma, plug, straight, .085 conformable cable, sma, plug, straight



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

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	

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.

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
9898-9086-88002	2.0	0.03	0.4	1.06	1.10	1.14	1.18	1.22	1.30	0.09	0.13	0.18	0.23	0.34	0.40
9898-9086-88004	4.0	0.06	0.4	1.06	1.10	1.14	1.18	1.22	1.30	0.13	0.18	0.26	0.33	0.50	0.60
9898-9086-88006	6.0	0.06	0.4	1.06	1.10	1.14	1.18	1.22	1.30	0.16	0.24	0.34	0.43	0.65	0.79
9898-9086-88008	8.0	0.10	0.4	1.06	1.10	1.14	1.18	1.22	1.30	0.20	0.29	0.42	0.53	0.81	0.99
9898-9086-88010	10.0	0.10	0.5	1.06	1.10	1.14	1.18	1.22	1.30	0.24	0.35	0.50	0.63	0.96	1.18
9898-9086-88012	12.0	0.10	0.5	1.06	1.10	1.14	1.18	1.22	1.30	0.28	0.40	0.59	0.73	1.12	1.37
9898-9086-88015	15.0	0.15	0.5	1.06	1.10	1.14	1.18	1.22	1.30	0.34	0.49	0.71	0.89	1.35	1.67
9898-9086-88018	18.0	0.15	0.6	1.06	1.10	1.14	1.18	1.22	1.30	0.39	0.57	0.83	1.04	1.58	1.96
9898-9086-88021	21.0	0.20	0.6	1.06	1.10	1.14	1.18	1.22	1.30	0.45	0.65	0.95	1.19	1.82	2.25
9898-9086-88024	24.0	0.20	0.7	1.06	1.10	1.14	1.18	1.22	1.30	0.51	0.74	1.07	1.34	2.05	2.54
9898-9086-88028	28.0	0.28	0.7	1.06	1.10	1.14	1.18	1.22	1.30	0.58	0.85	1.23	1.55	2.36	2.93
9898-9086-88032	32.0	0.32	0.8	1.06	1.10	1.14	1.18	1.22	1.30	0.66	0.96	1.40	1.75	2.67	3.32
9898-9086-88036	36.0	0.36	0.8	1.06	1.10	1.14	1.18	1.22	1.30	0.74	1.07	1.56	1.96	2.98	3.71
9898-9086-88042	42.0	0.42	0.9	1.06	1.10	1.14	1.18	1.22	1.30	0.85	1.23	1.80	2.26	3.45	4.29
9898-9086-88048	48.0	0.48	1.0	1.06	1.10	1.14	1.18	1.22	1.30	0.96	1.40	2.04	2.57	3.91	4.88

Specifications are subject to change without notice