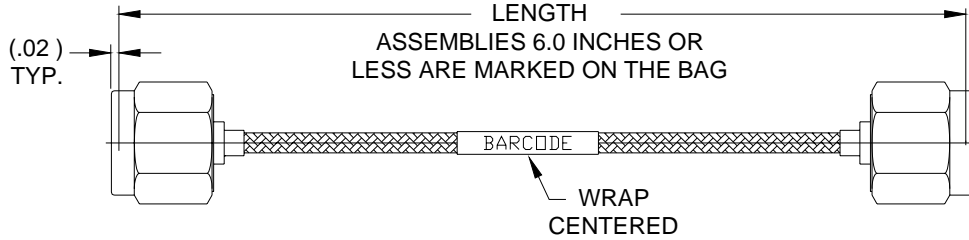


cable assemblies

type "n", plug, straight, .141 conformable cable, type "n" plug, straight



MECHANICAL SPECIFICATIONS

CABLE MAX. DIAMETER:	0.141 INCHES
MINIMUM BEND RADIUS:	0.25 INCHES
CONNECTOR RETENTION:	60 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:	1500 VRMS MIN.
ELECTRICAL DELAY, NOMINAL:	1.44 ns/FOOT
ELECTRICAL DELAY, NOMINAL:	120 ps/INCH
PULSE RF POWER:	1250 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
7474-9141-88003	3.0	0.03	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.11	0.15	0.22	0.27	0.41	0.49
7474-9141-88004	4.0	0.06	0.4	1.10	1.14	1.18	1.22	1.25	1.35	0.12	0.17	0.24	0.30	0.46	0.56
7474-9141-88006	6.0	0.06	0.5	1.10	1.14	1.18	1.22	1.25	1.35	0.14	0.21	0.30	0.37	0.57	0.69
7474-9141-88008	8.0	0.10	0.5	1.10	1.14	1.18	1.22	1.25	1.35	0.16	0.24	0.35	0.44	0.67	0.82
7474-9141-88010	10.0	0.10	0.6	1.10	1.14	1.18	1.22	1.25	1.35	0.19	0.28	0.40	0.50	0.77	0.95
7474-9141-88012	12.0	0.10	0.6	1.10	1.14	1.18	1.22	1.25	1.35	0.21	0.31	0.45	0.57	0.88	1.08
7474-9141-88015	15.0	0.15	0.7	1.10	1.14	1.18	1.22	1.25	1.35	0.25	0.36	0.53	0.67	1.03	1.28
7474-9141-88018	18.0	0.15	0.7	1.10	1.14	1.18	1.22	1.25	1.35	0.28	0.41	0.61	0.77	1.18	1.47
7474-9141-88021	21.0	0.20	0.8	1.10	1.14	1.18	1.22	1.25	1.35	0.32	0.47	0.68	0.87	1.34	1.67
7474-9141-88024	24.0	0.20	0.9	1.10	1.14	1.18	1.22	1.25	1.35	0.35	0.52	0.76	0.96	1.49	1.87
7474-9141-88028	28.0	0.28	1.0	1.10	1.14	1.18	1.22	1.25	1.35	0.40	0.59	0.87	1.10	1.70	2.13
7474-9141-88032	32.0	0.32	1.0	1.10	1.14	1.18	1.22	1.25	1.35	0.45	0.66	0.97	1.23	1.91	2.39
7474-9141-88036	36.0	0.36	1.1	1.10	1.14	1.18	1.22	1.25	1.35	0.50	0.73	1.07	1.36	2.11	2.66
7474-9141-88042	42.0	0.42	1.3	1.10	1.14	1.18	1.22	1.25	1.35	0.57	0.83	1.23	1.56	2.42	3.05
7474-9141-88048	48.0	0.48	1.4	1.10	1.14	1.18	1.22	1.25	1.35	0.64	0.94	1.39	1.76	2.73	3.44

Specifications are subject to change without notice