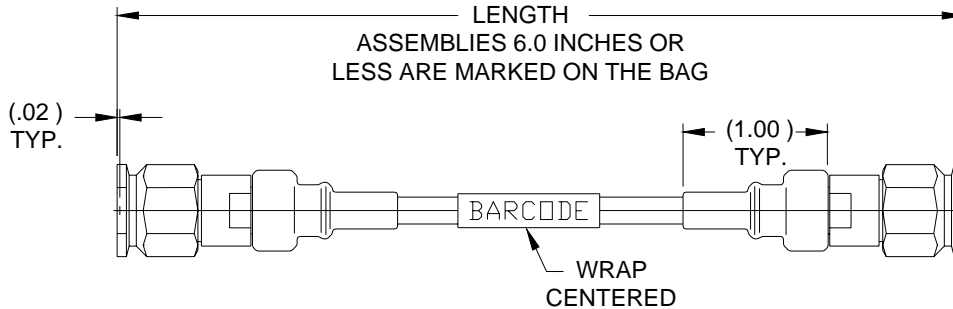


cable assemblies

tnc, plug, straight, dy5 cable, tnc, plug, straight



MECHANICAL SPECIFICATIONS	
CABLE MAX. DIAMETER:	0.210 INCHES
MINIMUM BEND RADIUS:	1.25 INCHES
CONNECTOR RETENTION:	60 POUNDS MIN.
TEMPERATURE RANGE:	-55 to +110 DEGREES C
MATING TORQUE:	10 TO 15 INCH POUNDS
CONNECTOR INTERFACES:	MIL-STD-348 Fig. 313.3

ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	26.6 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	76.5 %
RELATIVE SHIELDING:	-100.0 dB MIN.
INSULATION RESISTANCE:	5000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.
ELECTRICAL DELAY, NOMINAL:	1.33 ns/FOOT
ELECTRICAL DELAY, NOMINAL:	111 ps/INCH
PULSE RF POWER:	3500 WATTS MAX.

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	EXTRUDED FEP	NONE
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
BOOTS:	MIL-DTL-23053/4 CLASS 3	BLACK
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	
8888-DY5-024	24.0	0.25	1.5	1.06	1.10	1.14	1.18	1.22	1.30	0.26	0.37	0.53	0.65	0.97	1.18	
8888-DY5-027	27.0	0.27	1.7	1.06	1.10	1.14	1.18	1.22	1.30	0.28	0.40	0.57	0.70	1.05	1.27	
8888-DY5-030	30.0	0.30	1.8	1.06	1.10	1.14	1.18	1.22	1.30	0.30	0.42	0.61	0.75	1.13	1.37	
8888-DY5-033	33.0	0.33	2.0	1.06	1.10	1.14	1.18	1.22	1.30	0.31	0.45	0.65	0.81	1.20	1.46	
8888-DY5-036	36.0	0.36	2.1	1.06	1.10	1.14	1.18	1.22	1.30	0.33	0.48	0.69	0.86	1.28	1.56	
8888-DY5-039	39.0	0.39	2.3	1.06	1.10	1.14	1.18	1.22	1.30	0.35	0.51	0.73	0.91	1.36	1.65	
8888-DY5-042	42.0	0.42	2.4	1.06	1.10	1.14	1.18	1.22	1.30	0.37	0.54	0.77	0.96	1.43	1.75	
8888-DY5-045	45.0	0.45	2.6	1.06	1.10	1.14	1.18	1.22	1.30	0.39	0.56	0.81	1.01	1.51	1.84	
8888-DY5-048	48.0	0.48	2.7	1.06	1.10	1.14	1.18	1.22	1.30	0.41	0.59	0.85	1.06	1.58	1.94	
8888-DY5-054	54.0	0.54	3.0	1.06	1.10	1.14	1.18	1.22	1.30	0.45	0.65	0.93	1.16	1.74	2.13	
8888-DY5-060	60.0	0.60	3.3	1.06	1.10	1.14	1.18	1.22	1.30	0.49	0.70	1.02	1.26	1.89	2.32	
8888-DY5-072	72.0	0.72	3.9	1.06	1.10	1.14	1.18	1.22	1.30	0.57	0.82	1.18	1.47	2.20	2.70	
8888-DY5-096	96.0	0.96	5.1	1.06	1.10	1.14	1.18	1.22	1.30	0.72	1.04	1.50	1.87	2.81	3.46	
8888-DY5-108	108.0	1.08	5.7	1.06	1.10	1.14	1.18	1.22	1.30	0.80	1.15	1.67	2.08	3.11	3.84	
8888-DY5-120	120.0	1.20	6.3	1.06	1.10	1.14	1.18	1.22	1.30	0.88	1.27	1.83	2.28	3.42	4.22	

Specifications are subject to change without notice