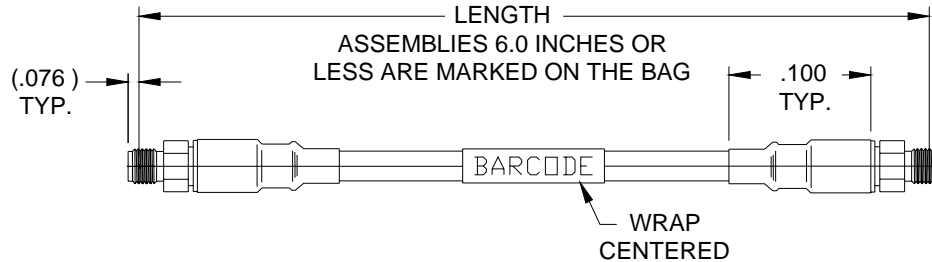


cable assemblies

2.92mm, jack, straight, dy4 cable, 2.92mm, jack, straight,



MECHANICAL SPECIFICATIONS

CABLE MAX. DIAMETER:	0.165 INCHES
MINIMUM BEND RADIUS:	1.00 INCHES
CONNECTOR RETENTION:	45 POUNDS MIN.
TEMPERATURE RANGE:	-55 to +110 DEGREES C
MATING TORQUE:	7 TO 10 INCH POUNDS
CONNECTOR INTERFACES:	MIL-STD-348 Fig. 323.2

ELECTRICAL SPECIFICATIONS

IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	26.7 pf/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	76.0 %
RELATIVE SHIELDING:	-100.0 dB MIN.
INSULATION RESISTANCE:	5000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.
ELECTRICAL DELAY, NOMINAL:	1.34 ns/FOOT
ELECTRICAL DELAY, NOMINAL:	112 ps/INCH
PULSE RF POWER:	2400 WATTS MAX.

MATERIALS AND FINISHES

DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	EXTRUDED FEP	BLUE TINT
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
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

VSWR / INSERTION LOSS SPECIFICATIONS

PART NUMBER	LENGTH INCHES	+ / - INCHES	WEIGHT OUNCES	MAXIMUM VSWR						MAXIMUM LOSS					
				UP to 4	4 to 6	6 to 12	12 to 18	18 to 26	26 to 40	UP to 4	4 to 6	6 to 12	12 to 18	18 to 26	26 to 40
5959-DY4-024	24.0	0.25	1.5	1.14	1.18	1.22	1.28	1.35	1.50	0.66	0.82	1.19	1.47	1.80	2.29
5959-DY4-027	27.0	0.27	1.7	1.14	1.18	1.22	1.28	1.35	1.50	0.72	0.89	1.30	1.61	1.97	2.51
5959-DY4-030	30.0	0.30	1.8	1.14	1.18	1.22	1.28	1.35	1.50	0.78	0.97	1.42	1.75	2.15	2.73
5959-DY4-033	33.0	0.33	2.0	1.14	1.18	1.22	1.28	1.35	1.50	0.85	1.05	1.53	1.89	2.32	2.96
5959-DY4-036	36.0	0.36	2.1	1.14	1.18	1.22	1.28	1.35	1.50	0.91	1.13	1.64	2.03	2.50	3.18
5959-DY4-039	39.0	0.39	2.3	1.14	1.18	1.22	1.28	1.35	1.50	0.97	1.20	1.76	2.17	2.67	3.40
5959-DY4-042	42.0	0.42	2.4	1.14	1.18	1.22	1.28	1.35	1.50	1.03	1.28	1.87	2.31	2.84	3.63
5959-DY4-045	45.0	0.45	2.6	1.14	1.18	1.22	1.28	1.35	1.50	1.10	1.36	1.98	2.46	3.02	3.85
5959-DY4-048	48.0	0.48	2.7	1.14	1.18	1.22	1.28	1.35	1.50	1.16	1.44	2.09	2.60	3.19	4.07
5959-DY4-054	54.0	0.54	3.0	1.14	1.18	1.22	1.28	1.35	1.50	1.28	1.59	2.32	2.88	3.54	4.52
5959-DY4-060	60.0	0.60	3.3	1.14	1.18	1.22	1.28	1.35	1.50	1.41	1.75	2.55	3.16	3.89	4.97
5959-DY4-072	72.0	0.72	3.9	1.14	1.18	1.22	1.28	1.35	1.50	1.66	2.06	3.00	3.73	4.58	5.86
5959-DY4-096	96.0	0.96	5.1	1.14	1.18	1.22	1.28	1.35	1.50	2.16	2.68	3.90	4.86	5.98	7.65
5959-DY4-108	108.0	1.08	5.7	1.14	1.18	1.22	1.28	1.35	1.50	2.41	2.99	4.35	5.43	6.67	8.54
5959-DY4-120	120.0	1.20	6.3	1.14	1.18	1.22	1.28	1.35	1.50	2.66	3.30	4.80	5.99	7.37	9.43

Specifications are subject to change without notice