



Cable: **TLL18-1087**
 Connector 1: **3-3697-713-20P** SMA (M) STR. FOR .085" S/R
 Connector 2: **3-3697-713-20** SMA (M) STR. FOR .085" S/R
 Boots: **5-1959-184-10** M23053/4,102,0,0.75,3/16BLK TUBING
 Marker: **5-1559-381-10** M23053/5,104,8,0.50,1,0,1/8GRAY

PART NUMBER	LENGTH INCHES	+/- LENGTH	LENGTH CM	MAX VSWR :1 UP TO 18 GHz	MAX INSERTION LOSS [dB] UP TO 18 GHz
1-3636-461-5206	06	0.25	15.2	1.35	0.85
1-3636-461-5209	09	0.25	22.9	1.35	1.12
1-3636-461-5212	12	0.25	30.5	1.35	1.38
1-3636-461-5215	15	0.25	38.1	1.35	1.65
1-3636-461-5218	18	0.25	45.7	1.35	1.91
1-3636-461-5221	21	0.25	53.3	1.35	2.17
1-3636-461-5224	24	0.25	61.0	1.35	2.44
1-3636-461-5227	27	0.27	68.6	1.35	2.70
1-3636-461-5230	30	0.30	76.2	1.35	2.97
1-3636-461-5233	33	0.33	83.8	1.35	3.23
1-3636-461-5236	36	0.36	91.4	1.35	3.50
1-3636-461-5239	39	0.39	99.1	1.42	3.76
1-3636-461-5242	42	0.42	106.7	1.42	4.03
1-3636-461-5245	45	0.45	114.3	1.42	4.29
1-3636-461-5248	48	0.48	121.9	1.42	4.56
1-3636-461-5251	51	0.51	129.5	1.42	4.82
1-3636-461-5254	54	0.54	137.2	1.42	5.09
1-3636-461-5257	57	0.57	144.8	1.42	5.35
1-3636-461-5260	60	0.60	152.4	1.42	5.62
1-3636-461-5263	63	0.63	160.0	1.42	5.88
1-3636-461-5266	66	0.66	167.6	1.42	6.15
1-3636-461-5269	69	0.69	175.3	1.42	6.41
1-3636-461-5272	72	0.72	182.9	1.42	6.67
1-3636-461-5275	75	0.75	190.5	1.42	6.94
1-3636-461-5278	78	0.78	198.1	1.42	7.20
1-3636-461-5281	81	0.81	205.7	1.42	7.47
1-3636-461-5284	84	0.84	213.4	1.42	7.73
1-3636-461-5287	87	0.87	221.0	1.42	8.00
1-3636-461-5290	90	0.90	228.6	1.42	8.26
1-3636-461-5293	93	0.93	236.2	1.42	8.53
1-3636-461-5296	96	0.96	243.8	1.42	8.79
1-3636-461-5299	99	0.99	251.5	1.42	9.06
2-3636-461-5209	108	1.08	274.3	1.42	9.85
2-3636-461-5210	120	1.20	304.8	1.42	10.91
2-3636-461-5212	144	1.44	365.8	1.45 (TYPICAL ONLY)	13.03 (TYPICAL ONLY)

ASSEMBLIES ELECTRICAL & MECHANICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CABLE VELOCITY OF PROPAGATION, NOMINAL:	70 %
CABLE MAX. DIAMETER:	0.109 INCHES
MINIMUM BEND RADIUS:	0.55 INCHES
TEMPERATURE RANGE:	-60 to +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS

NOTES:

ASSEMBLY LENGTHS NOT LISTED ABOVE WILL HAVE THE SAME INSERTION LOSS AND VSWR LIMITS AS THE NEXT LONGER ASSEMBLY SHOWN IN THE TABLE ABOVE.
 EXAMPLE: 1-3636-461-5222 WILL HAVE THE SAME INSERTION LOSS AND VSWR LIMITS AS 1-3636-461-5224.
 MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM INCLUDING MEASURING SYSTEM UNCERTAINTY.
 NOTE: PRODUCT SPECIFICATIONS ARE VERIFIED AT 73 DEG. F, SEA LEVEL AND 20 TO 80% RELATIVE HUMIDITY.
 NOTE: FOR CABLES OVER 120 INCHES LONG AND/OR INSERTION LOSSES IN EXCESS OF 20DB THE VSWR AND INSERTION LOSS VALUES ARE TYPICAL ONLY.

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