



| 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 |

| 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:

CABLE CODE: 461

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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