

25 M Plenum Rated 4.3-10 to Type N M Snap-On/M Right Angle SPP-250-LLPL Low PIM Cable Jumper

CASPP250LLPL044-25M

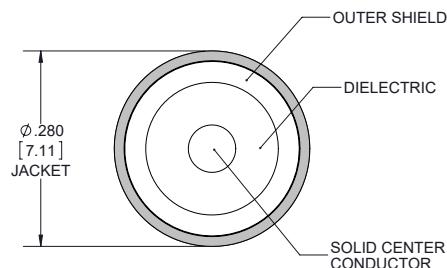


Configuration

- Connector 1: Snap-On 4.3-10 Male
- Connector 2: N Male Right Angle
- Cable Type: SPP-250-LLPL

Features

- Max Frequency 5.8 GHz
- Low PIM: -160 dBc Max
- UL 910 Plenum Rated
- FEP Jacket
- Shielding Effectivity > 100 dB
- 100% Tested with PIM Test Results Marked on Cable
- 1.25 Inch Minimum Bend Radius
- Low Loss with Excellent VSWR



Applications

- Distributed Antennas Systems (DAS)
- Low PIM Applications
- Plenum Installations
- Multi-Carrier Communication Systems

Description

PolyPhaser CASPP250LLPL044-25M is a 25 M Plenum Rated 4.3-10 to Type N M Snap-On/M Right Angle SPP-250-LLPL Low PIM Cable Jumper built using high quality components by skilled technicians to ensure a reliable product. The 4.3-10 Male Snap-On to Type N Male Right Angle jumper connections are designed to industry standard interface dimensions to ensure superior performance. These low PIM corrugated cable assemblies are durable and plenum rated for applications that require these parameters. All PolyPhaser cable assemblies are available for same day shipment to fulfill your urgent needs. This high-quality RF coaxial assembly is perfect in many RF Interconnect applications such as low PIM applications, plenum installations, distributed antenna systems (DAS), and many other RF systems. The CASPP250LLPL044-25M 4.3-19 to Type N low PIM cable assembly is the perfect companion to PolyPhaser line of products, particularly when used as an antenna jumper.

The quarter inch low PIM plenum rated coax used in these 4.3-19 to Type N assemblies is a .250 inch diameter copper corrugated coax with a blue FEP jacket. This cable's PTFE dielectric is low loss material with a phase velocity of 76% and offers excellent passive intermodulation (PIM) performance better than -160 dBc. The construction of the quarter inch copper corrugated jumper results in a minimum bend radius of 1.25 inches. The cable assembly's combination of 4.3-19 to Type N M Snap-On/M Right Angle and Times Microwave's SPP-250-LLPL low PIM plenum rated cable supports a maximum operation frequency of 5.8 GHz. Each cable assembly is installed with heat shrink booting on each end and a PIM label with the measured PIM level. You can find detailed performance specifications in the product datasheet. All PolyPhaser assemblies are tested and inspected prior to shipping.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[25 M Plenum Rated 4.3-10 to Type N M Snap-On/M Right Angle SPP-250-LLPL Low PIM Cable Jumper CASPP250LLPL044-25M](#)

25 M Plenum Rated 4.3-10 to Type N M Snap-On/M Right Angle SPP-250-LLPL Low PIM Cable Jumper



CASPP250LLPL044-25M

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5.8	GHz
VSWR			1.4:1	
Velocity of Propagation		76		%
RF Shielding	100			dB
Passive Intermodulation		-165	-160	dBc
Capacitance		27 [88.58]		pF/ft [pF/m]
Inductance		0.067 [0.22]		uH/ft [uH/m]
DC Resistance Inner Conductor		3 [9.84]		$\Omega/1000ft$ [Ω/Km]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.45	0.7	1	2.5	5.8	GHz
Insertion Loss (Max.)	3.3	4.13	4.89	7.98	12.49	dB

Electrical Specification Notes:

PIM test results vary between cables

The Insertion Loss data above is based on the performance specifications of the coax used in this assembly. The Insertion Loss includes an estimated insertion loss of $0.1 * \text{SQRT}(F\text{GHz})$ dB for the straight connector and 0.12 dB for the right angle connector.

Mechanical Specifications

Size

Length	984.25 in [25 m]
Diameter	0.99 in [25.15 mm]
Weight	6.17 lbs [2.8 Kg]

Cable

Cable Type	SPP-250-LLPL
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Bare
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Helically Corrugated Copper Tube
Outer Conductor Material and Plating	Copper
Outer Conductor Diameter	0.25 in [6.35 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[25 M Plenum Rated 4.3-10 to Type N M Snap-On/M Right Angle SPP-250-LLPL Low PIM Cable Jumper CASPP250LLPL044-25M](#)

25 M Plenum Rated 4.3-10 to Type N M Snap-On/M
Right Angle SPP-250-LLPL Low PIM Cable Jumper



CASPP250LLPL044-25M

Jacket Material	FEP, Blue
Jacket Diameter	0.28 in [7.11 mm]
One Time Minimum Bend Radius	1.25 in [31.75 mm]
Bending Moment	0.8 lbs-ft [1.08 N-m]

Connectors

Description	Connector 1	Connector 2
Type	4.3-10 Male	N Male Right Angle
Impedance	50 Ohms	50 Ohms
Connection Method	Snap-On	
Contact Material and Plating	Brass, Silver	Phosphor Bronze, Silver
Contact Plating Specification	200 μ in	196 μ in
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Body Plating Specification	80 μ in	118 μ in
Coupling Nut Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Coupling Nut Plating Specification	80 μ in	118 μ in
Torque	44.25 in-lbs [5 Nm]	10 in-lbs [1.13 Nm]

Environmental Specifications

Temperature

Operating Range	-55 to +200 deg C
Storage Range	-55 to +200 deg C
Plenum Rating	UL910

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[25 M Plenum Rated 4.3-10 to Type N M Snap-On/M Right Angle SPP-250-LLPL Low PIM Cable Jumper CASPP250LLPL044-25M](#)

25 M Plenum Rated 4.3-10 to Type N M Snap-On/M
Right Angle SPP-250-LLPL Low PIM Cable Jumper



CASPP250LLPL044-25M

Compliance Certifications

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, DC Pass and Ultra Low PIM. Backed by responsive service and expert technical support PolyPhaser continually expands its product offering and services to serve engineers' urgent needs for RF components in mission critical communication networks.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [25 M Plenum Rated 4.3-10 to Type N M Snap-On/M Right Angle SPP-250-LLPL Low PIM Cable Jumper](#)
[CASPP250LLPL044-25M](#)

URL: <https://www.polyphaser.com/25-m-plenum-rated-4.3-10-to-type-n-m-snap-on-m-right-angle-spp-250-llpl-low-pim-cable-jumper-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. PolyPhaser reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. PolyPhaser does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and PolyPhaser does not assume any liability arising out of the use of any part or documentation.

CASPP250LLPL044-25M CAD Drawing

REV. A		DESCRIPTION INITIAL RELEASE		DATE 9/15/2020		APPROVED S. ELLIS	
REVISIONS							
<p>4.3-10 MALE SNAP-ON</p> <p>2X HEAT SHRINK BOOT</p> <p>LENGTH MEASURED FROM CONTACT TO CONTACT</p> <p>(SEE NOTE 1)</p> <p>(SEE NOTE 2)</p> <p>CONTACT</p> <p>N MALE RA</p>							
<p>PolyPhaser an INFINITE brand</p> <p>10701 Airport Road, Hayden, Idaho 83835, USA Phone: 1.208.635.6400 1.800.882.9110 Fax: 1.208.762.6133 Website: www.PolyPhaser.com E-mail: CustomerService@PolyPhaser.com</p> <p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: $X = \pm .2$ [.508] FRACTIONS $XX = \pm .02$ [.51] $\pm .132$ $XXX = \pm .005$ [.13] ANGLES $\pm 1^\circ$ CABLE LENGTH (L) TOLERANCES: $L = \pm 12$ [305] $\pm +125$ / -0 12 [305] - L \leq 60 [1524] +2 [51] / -0 60 [1524] < L \leq 120 [3048] +4 [102] / -0 120 [3048] < L \leq 300 [7620] +6 [152] / -0 300 [7620] < L \leq 350 [8890] +8 [203] / -0 350 [8890] < L \leq 400 [10160] +10 [254] / -0 400 [10160] < L \leq 450 [11430] +12 [305] / -0 450 [11430] < L \leq 500 [12700] +14 [356] / -0 500 [12700] < L \leq 550 [13970] +16 [411] / -0 550 [13970] < L \leq 600 [15240] +18 [457] / -0 600 [15240] < L \leq 650 [16510] +20 [508] / -0 650 [16510] < L \leq 700 [17780] +22 [559] / -0 700 [17780] < L \leq 750 [19050] +24 [610] / -0 750 [19050] < L \leq 800 [20320] +26 [661] / -0 800 [20320] < L \leq 850 [21590] +28 [712] / -0 850 [21590] < L \leq 900 [22860] +30 [763] / -0 900 [22860] < L \leq 950 [24130] +32 [814] / -0 950 [24130] < L \leq 1000 [25400] +34 [865] / -0 1000 [25400] < L \leq 1050 [26670] +36 [916] / -0 1050 [26670] < L \leq 1100 [27940] +38 [967] / -0 1100 [27940] < L \leq 1150 [29210] +40 [1018] / -0 1150 [29210] < L \leq 1200 [30480] +42 [1069] / -0 1200 [30480] < L \leq 1250 [31750] +44 [1120] / -0 1250 [31750] < L \leq 1300 [33020] +46 [1171] / -0 1300 [33020] < L \leq 1350 [34290] +48 [1222] / -0 1350 [34290] < L \leq 1400 [35560] +50 [1273] / -0 1400 [35560] < L \leq 1450 [36830] +52 [1324] / -0 1450 [36830] < L \leq 1500 [38100] +54 [1375] / -0 1500 [38100] < L \leq 1550 [39370] +56 [1426] / -0 1550 [39370] < L \leq 1600 [40640] +58 [1477] / -0 1600 [40640] < L \leq 1650 [41910] +60 [1528] / -0 1650 [41910] < L \leq 1700 [43180] +62 [1579] / -0 1700 [43180] < L \leq 1750 [44450] +64 [1630] / -0 1750 [44450] < L \leq 1800 [45720] +66 [1681] / -0 1800 [45720] < L \leq 1850 [46990] +68 [1732] / -0 1850 [46990] < L \leq 1900 [48260] +70 [1783] / -0 1900 [48260] < L \leq 1950 [49530] +72 [1834] / -0 1950 [49530] < L \leq 2000 [50800] +74 [1885] / -0 2000 [50800] < L \leq 2050 [52070] +76 [1936] / -0 2050 [52070] < L \leq 2100 [53340] +78 [1987] / -0 2100 [53340] < L \leq 2150 [54610] +80 [2038] / -0 2150 [54610] < L \leq 2200 [55880] +82 [2089] / -0 2200 [55880] < L \leq 2250 [57150] +84 [2140] / -0 2250 [57150] < L \leq 2300 [58420] +86 [2191] / -0 2300 [58420] < L \leq 2350 [59690] +88 [2242] / -0 2350 [59690] < L \leq 2400 [60960] +90 [2293] / -0 2400 [60960] < L \leq 2450 [62230] +92 [2344] / -0 2450 [62230] < L \leq 2500 [63500] +94 [2395] / -0 2500 [63500] < L \leq 2550 [64770] +96 [2446] / -0 2550 [64770] < L \leq 2600 [66040] +98 [2497] / -0 2600 [66040] < L \leq 2650 [67310] +100 [2548] / -0 2650 [67310] < L \leq 2700 [68580] +102 [2599] / -0 2700 [68580] < L \leq 2750 [69850] +104 [2650] / -0 2750 [69850] < L \leq 2800 [71120] +106 [2701] / -0 2800 [71120] < L \leq 2850 [72390] +108 [2752] / -0 2850 [72390] < L \leq 2900 [73660] +110 [2803] / -0 2900 [73660] < L \leq 2950 [74930] +112 [2854] / -0 2950 [74930] < L \leq 3000 [76200] +114 [2905] / -0 3000 [76200] < L \leq 3050 [77470] +116 [2956] / -0 3050 [77470] < L \leq 3100 [78740] +118 [3007] / -0 3100 [78740] < L \leq 3150 [80010] +120 [3058] / -0 3150 [80010] < L \leq 3200 [81280] +122 [3109] / -0 3200 [81280] < L \leq 3250 [82550] +124 [3160] / -0 3250 [82550] < L \leq 3300 [83820] +126 [3211] / -0 3300 [83820] < L \leq 3350 [85090] +128 [3262] / -0 3350 [85090] < L \leq 3400 [86360] +130 [3313] / -0 3400 [86360] < L \leq 3450 [87630] +132 [3364] / -0 3450 [87630] < L \leq 3500 [88900] +134 [3415] / -0 3500 [88900] < L \leq 3550 [90170] +136 [3466] / -0 3550 [90170] < L \leq 3600 [91440] +138 [3517] / -0 3600 [91440] < L \leq 3650 [92710] +140 [3568] / -0 3650 [92710] < L \leq 3700 [93980] +142 [3619] / -0 3700 [93980] < L \leq 3750 [95250] +144 [3670] / -0 3750 [95250] < L \leq 3800 [96520] +146 [3721] / -0 3800 [96520] < L \leq 3850 [97790] +148 [3772] / -0 3850 [97790] < L \leq 3900 [99060] +150 [3823] / -0 3900 [99060] < L \leq 3950 [100330] +152 [3874] / -0 3950 [100330] < L \leq 4000 [101600] +154 [3925] / -0 4000 [101600] < L \leq 4050 [102870] +156 [3976] / -0 4050 [102870] < L \leq 4100 [104140] +158 [4027] / -0 4100 [104140] < L \leq 4150 [105410] +160 [4078] / -0 4150 [105410] < L \leq 4200 [106680] +162 [4129] / -0 4200 [106680] < L \leq 4250 [107950] +164 [4180] / -0 4250 [107950] < L \leq 4300 [109220] +166 [4231] / -0 4300 [109220] < L \leq 4350 [110490] +168 [4282] / -0 4350 [110490] < L \leq 4400 [111760] +170 [4333] / -0 4400 [111760] < L \leq 4450 [113030] +172 [4384] / -0 4450 [113030] < L \leq 4500 [114300] +174 [4435] / -0 4500 [114300] < L \leq 4550 [115570] +176 [4486] / -0 4550 [115570] < L \leq 4600 [116840] +178 [4537] / -0 4600 [116840] < L \leq 4650 [118110] +180 [4588] / -0 4650 [118110] < L \leq 4700 [119380] +182 [4639] / -0 4700 [119380] < L \leq 4750 [120650] +184 [4690] / -0 4750 [120650] < L \leq 4800 [121920] +186 [4741] / -0 4800 [121920] < L \leq 4850 [123190] +188 [4792] / -0 4850 [123190] < L \leq 4900 [124460] +190 [4843] / -0 4900 [124460] < L \leq 4950 [125730] +192 [4894] / -0 4950 [125730] < L \leq 5000 [127000] +194 [4945] / -0 5000 [127000] < L \leq 5050 [128270] +196 [4996] / -0 5050 [128270] < L \leq 5100 [129540] +198 [5047] / -0 5100 [129540] < L \leq 5150 [130810] +200 [5098] / -0 5150 [130810] < L \leq 5200 [132080] +202 [5149] / -0 5200 [132080] < L \leq 5250 [133350] +204 [5190] / -0 5250 [133350] < L \leq 5300 [134620] +206 [5241] / -0 5300 [134620] < L \leq 5350 [135890] +208 [5292] / -0 5350 [135890] < L \leq 5400 [137160] +210 [5343] / -0 5400 [137160] < L \leq 5450 [138430] +212 [5394] / -0 5450 [138430] < L \leq 5500 [139700] +214 [5445] / -0 5500 [139700] < L \leq 5550 [140970] +216 [5496] / -0 5550 [140970] < L \leq 5600 [142240] +218 [5547] / -0 5600 [142240] < L \leq 5650 [143510] +220 [5598] / -0 5650 [143510] < L \leq 5700 [144780] +222 [5649] / -0 5700 [144780] < L \leq 5750 [146050] +224 [5690] / -0 5750 [146050] < L \leq 5800 [147320] +226 [5741] / -0 5800 [147320] < L \leq 5850 [148590] +228 [5792] / -0 5850 [148590] < L \leq 5900 [150860] +230 [5843] / -0 5900 [150860] < L \leq 5950 [152130] +232 [5894] / -0 5950 [152130] < L \leq 6000 [153400] +234 [5945] / -0 6000 [153400] < L \leq 6050 [154670] +236 [5996] / -0 6050 [154670] < L \leq 6100 [155940] +238 [6047] / -0 6100 [155940] < L \leq 6150 [157210] +240 [6098] / -0 6150 [157210] < L \leq 6200 [158480] +242 [6149] / -0 6200 [158480] < L \leq 6250 [159750] +244 [6190] / -0 6250 [159750] < L \leq 6300 [161020] +246 [6241] / -0 6300 [161020] < L \leq 6350 [162290] +248 [6292] / -0 6350 [162290] < L \leq 6400 [163560] +250 [6343] / -0 6400 [163560] < L \leq 6450 [164830] +252 [6394] / -0 6450 [164830] < L \leq 6500 [166100] +254 [6445] / -0 6500 [166100] < L \leq 6550 [167370] +256 [6496] / -0 6550 [167370] < L \leq 6600 [168640] +258 [6547] / -0 6600 [168640] < L \leq 6650 [169910] +260 [6598] / -0 6650 [169910] < L \leq 6700 [171180] +262 [6649] / -0 6700 [171180] < L \leq 6750 [172450] +264 [6690] / -0 6750 [172450] < L \leq 6800 [173720] +266 [6741] / -0 6800 [173720] < L \leq 6850 [175000] +268 [6792] / -0 6850 [175000] < L \leq 6900 [176270] +270 [6843] / -0 6900 [176270] < L \leq 6950 [177540] +272 [6894] / -0 6950 [177540] < L \leq 7000 [178810] +274 [6945] / -0 7000 [178810] < L \leq 7050 [180080] +276 [6996] / -0 7050 [180080] < L \leq 7100 [181350] +278 [7047] / -0 7100 [181350] < L \leq 7150 [182620] +280 [7098] / -0 7150 [182620] < L \leq 7200 [183890] +282 [7149] / -0 7200 [183890] < L \leq 7250 [185160] +284 [7190] / -0 7250 [185160] < L \leq 7300 [186430] +286 [7241] / -0 7300 [186430] < L \leq 7350 [187700] +288 [7292] / -0 7350 [187700] < L \leq 7400 [188970] +290 [7343] / -0 7400 [188970] < L \leq 7450 [190240] +292 [7394] / -0 7450 [190240] < L \leq 7500 [191510] +294 [7445] / -0 7500 [191510] < L \leq 7550 [192780] +296 [7496] / -0 7550 [192780] < L \leq 7600 [194050] +298 [7547] / -0 7600 [194050] < L \leq 7650 [195320] +300 [7598] / -0 7650 [195320] < L \leq 7700 [196590] +302 [7649] / -0 7700 [196590] < L \leq 7750 [197860] +304 [7690] / -0 7750 [197860] < L \leq 7800 [199130] +306 [7741] / -0 7800 [199130] < L \leq 7850 [200400] +308 [7792] / -0 7850 [200400] < L \leq 7900 [201670] +310 [7843] / -0 7900 [201670] < L \leq 7950 [202940] +312 [7894] / -0 7950 [202940] < L \leq 8000 [204210] +314 [7945] / -0 8000 [204210] < L \leq 8050 [205480] +316 [7996] / -0 8050 [205480] < L \leq 8100 [206750] +318 [8047] / -0 8100 [206750] < L \leq 8150 [208020] +320 [8098] / -0 8150 [208020] < L \leq 8200 [209290] +322 [8149] / -0 8200 [209290] < L \leq 8250 [210560] +324 [8190] / -0 8250 [210560] < L \leq 8300 [211830] +326 [8241] / -0 8300 [211830] < L \leq 8350 [213100] +328 [8292] / -0 8350 [213100] < L \leq 8400 [214370] +330 [8343] / -0 8400 [214370] < L \leq 8450 [215640] +332 [8394] / -0 8450 [215640] < L \leq 8500 [216910] +334 [8445] / -0 8500 [216910] < L \leq 8550 [218180] +336 [8496] / -0 8550 [218180] < L \leq 8600 [219450] +338 [8547] / -0 8600 [219450] < L \leq 8650 [220720] +340 [8598] / -0 8650 [220720] < L \leq 8700 [222000] +342 [8649] / -0 8700 [222000] < L \leq 8750 [223270] +344 [8690] / -0 8750 [223270] < L \leq 8800 [224540] +346 [8741] / -0 8800 [224540] < L \leq 8850 [225810] +348 [8792] / -0 8850 [225810] < L \leq 8900 [227080] +350 [8843] / -0 8900 [227080] < L \leq 8950 [228350] +352 [8894] / -0 8950 [228350] < L \leq 9000 [229620] +354 [8945] / -0 9000 [229620] < L \leq 9050 [230890] +356 [8996] / -0 9050 [230890] < L \leq 9100 [232160] +358 [9047] / -0 9100 [232160] < L \leq 9150 [233430] +360 [9098] / -0 9150 [233430] < L \leq 9200 [234700] +362 [9149] / -0 9200 [234700] < L \leq 9250 [235970] +364 [9190] / -0 9250 [235970] < L \leq 9300 [237240] +366 [9241] / -0 9300 [237240] < L \leq 9350 [238510] +368 [9292] / -0 9350 [238510] < L \leq 9400 [239780] +370 [9343] / -0 9400 [239780] < L \leq 9450 [241050] +372 [9394] / -0 9450 [241050] < L \leq 9500 [242320] +374 [9445] / -0 9500 [242320] < L \leq 9550 [243590] +376 [9496] / -0 9550 [243590] < L \leq 9600 [244860] +378 [9547] / -0 9600 [244860] < L \leq 9650 [246130] +380 [9598] / -0 9650 [246130] < L \leq 9700 [247400] +382 [9649] / -0 9700 [247400] < L \leq 9750 [248670] +384 [9690] / -0 9750 [248670] < L \leq 9800 [250000] +386 [9741] / -0 9800 [250000] < L \leq 9850 [251270] +388 [9792] / -0 9850 [251270] < L \leq 9900 [252540] +390 [9843] / -0 9900 [252540] < L \leq 9950 [253810] +392 [9894] / -0 9950 [253810] < L \leq 10000 [255080] +394 [9945] / -0 10000 [255080] < L \leq 10050 [256350] +396 [9996] / -0 10050 [256350] < L \leq 10100 [257620] +398 [10047] / -0 10100 [257620] < L \leq 10150 [258890] +400 [10098] / -0 10150 [258890] < L \leq 10200 [260160] +402 [10149] / -0 10200 [260160] < L \leq 10250 [261430] +404 [10190] / -0 10250 [261430] < L \leq 10300 [262700] +406 [10241] / -0 10300 [262700] < L \leq 10350 [264070] +408 [10292] / -0 10350 [264070] < L \leq 10400 [265340] +410 [10343] / -0 10400 [265340] < L \leq 10450 [266610] +412 [10394] / -0 10450 [266610] < L \leq 10500 [267880] +414 [10445] / -0 10500 [267880] < L \leq 10550 [269150] +416 [10496] / -0 10550 [269150] < L \leq 10600 [270420] +418 [10547] / -0 10600 [270420] < L \leq 10650 [271690] +420 [10598] / -0 10650 [271690] < L \leq 10700 [272960] +422 [10649] / -0 10700 [272960] < L \leq 10750 [274230] +424 [10690] / -0 10750 [274230] < L \leq 10800 [275500] +426 [10741] / -0 10800 [275500] < L \leq 10850 [276770] +428 [10792] / -0 10850 [276770] < L \leq 10900 [278040] +430 [10843] / -0 10900 [278040] < L \leq 10950 [279310] +432 [10894] / -0 10950 [279310] < L \leq 11000 [</p>							