



## 4.3-10 to 7/16 DIN, Low PIM Cables



4.3-10 to 7/16 DIN

Gamma's 4.3-10 to 7/16 DIN Low PIM Cable Kits are the optimal choice when it comes to outdoor RF cable connectivity. Our kits include a rugged, UV resistant, low PIM, low loss, corrosion resistant jumper cable and our SDL series of IP68 performing UV resistant cold shrink or multi-use slide-on boot. These kits are particularly easy to install and can be ordered with or without cold shrink.

By choosing the combination of our carrier approved weatherproofing and jumper cables, you get the optimal weatherproof jumper.

All of Gamma's cables are tested before being shipped and come with a label that is applied directly to the cable that lists those results. Our Superflex cables perform incredibly well in both VSWR and PIM tests. Both our Standard and Superflex cables are guaranteed to surpass -155 dBC. -155 dBC is largely considered to be the passing grade for a low PIM cable and we guarantee that all of Gamma's low PIM, low loss cables will surpass -155 dBC, with results more likely being between -165 and -175 dBC.

### Key Features

- 50 Ohms Impedance
- Consistent V.S.W.R. performance and Low Passive Intermodulation (PIM) results in fewer dropped calls and a better performing network
- RoHS Compliant
- Independently tested and labeled for critical properties and tracking number
- Robust connector protection, strain relief and torque protection
- Gamma's cold shrink and boots easily surpass the IP68 weatherproof standard
- Special factory design and assembled jumper provide excellent electrical and mechanical performance
- High performance, corrosion resistant, factory installed connectors
- Cable jacket is a low smoke, halogen-free and flame retardant, providing a safer network



## 4.3-10 to 7/16 DIN, Low PIM Cables



### 4310M-STF50-716DINM-48-SDL

4.3-10 Male to 7/16 DIN Male

Standard

4 Foot Length

1 SDL-1A-125 Silicone Cold Shrink (for 7/16 DIN)

1 SDL-CX-125 Silicone Cold Shrink (for 4.3-10)

Low Loss (VSWR)

Low PIM (-155 dBc or better)

### 4310M-STF50-716DINM-120-SDL

4.3-10 Male to 7/16 DIN Male

Standard

10 Foot Length

1 SDL-1A-125 Silicone Cold Shrink (for 7/16 DIN)

1 SDL-CX-125 Silicone Cold Shrink (for 4.3-10)

Low Loss (VSWR)

Low PIM (-155 dBc or better)



### 4310M-STF50-716DINM-48-BT

4.3-10 Male to 7/16 DIN Male

Standard

4 Foot Length

x1 4.3-10 Slide-On Boots

x1 7/16 DIN Slide-On Boots

Low Loss (VSWR)

Low PIM (-155 dBc or better)

### 4310M-STF50-716DINM-120-BT

4.3-10 Male to 7/16 DIN Male

Standard 1/2 Inch Coaxial Cable

10 Foot Length

x1 4.3-10 Slide-On Boots

x1 7/16 DIN Slide-On Boots

Low Loss (VSWR)

Low PIM (-155 dBc or better)

## Ordering Options

| Connector/Weatherproofing                     | Part Number                 |
|---|-----------------------------|
| 4.3-10 to 7/16 DIN, 4 FT with Cold Shrink     | 4310M-STF50-716DINM-48-SDL  |
| 4.3-10 to 7/16 DIN, 10 FT with Cold Shrink    | 4310M-STF50-716DINM-120-SDL |
| 4.3-10 to 7/16 DIN, 4 FT with Slide-On Boots  | 4310M-STF50-716DINM-48-BT   |
| 4.3-10 to 7/16 DIN, 10 FT with Slide-On Boots | 4310M-STF50-716DINM-120-BT  |

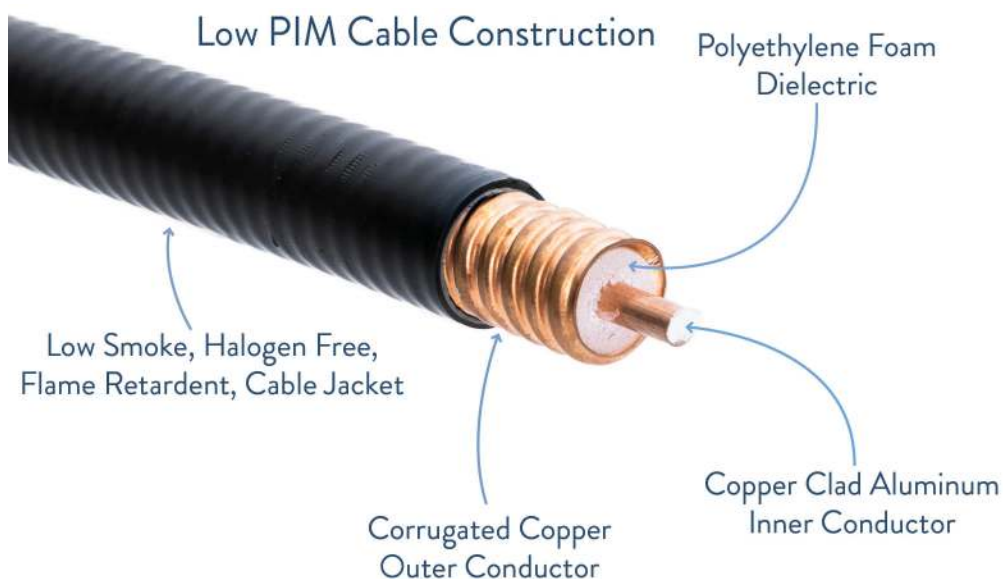
## Custom Cables Also Available

*Your Choice of Cable Type, Connectors, Length & Weatherproofing*

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2818 Metropolitan Place, Suite A, Pomona, CA 91767

[www.gammaelectronics.net](http://www.gammaelectronics.net)



| Technical Specifications |   |
|--------------------------|---|
| Center Contact Connector | Brass, Silver Plated                            |
| Outer Contact Connector  | Brass, Albaloy Plated                           |
| Coupling Nut Connector   | Hexagon nut, Brass, Albaloy Plated              |
| Connector Dielectric     | PTFE  |
| Gasket                   | Silicone Rubber                                 |
| Jacket                   | Halogen Free, Low Smoke, Flame Retardant (LSZH) |
| Return Loss, dB          | -20dB Max.                                      |
| Minimum Bend Radius, mm  | 32  |
| Installation Temperature | -40° to 60° C                                   |
| Operation Temperature    | -45° to 85° C                                   |
| Sealing Standard         | IP68  |
| PIM/ IMD (2*43dBm)       | ≤-155 dBc                                       |
| VSWR                     |   |
| .8 - 1.0 GHz             | 1.10 (26)                                       |
| 1.7-2.0 GHz              | 1.10 (26)                                       |
| 2.0-2.4 GHz              | 1.10 (26)                                       |

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