



Gamma's Type N Low PIM, Low Loss Jumper 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

## Ordering Options

<p><b><u>TNM-SFLEX-TNM-48-SDL</u></b></p>  <p>Type N to Type N Superflex Cable 4 Foot Length x2 SDL-TN-90 Gamma Silicone Cold Shrink Low Loss (VSWR) Low PIM (-155 dBc or better)</p>	<p><b><u>TNM-SFLEX-TNM-72-SDL</u></b></p>  <p>Type N to Type N Superflex Cable 6 Foot Length x2 SDL-TN-90 Gamma Silicone Cold Shrink Low Loss (VSWR) Low PIM (-155 dBc or better)</p>
<p><b><u>TNM-SFLEX-TNM-48-BT</u></b></p>  <p>Type N to Type N Superflex Cable 4 Foot Length x2 Type N Silicone Slide-On Boots Low Loss (VSWR) Low PIM (-155 dBc or better)</p>	<p><b><u>TNM-SFLEX-TNM-72-BT</u></b></p>  <p>Type N to Type N Superflex Cable 6 Foot Length x2 Type N Silicone Slide-On Boots Low Loss (VSWR) Low PIM (-155 dBc or better)</p>

Connector/Weatherproofing	Part Number
Type N to Type N 4 FT with Cold Shrink	TNM-SFLEX-TNM-48-SDL
Type N to Type N 6 FT with Cold Shrink	TNM-SFLEX-TNM-72-SDL
Type N to Type N 4 FT with Slide-On Boots	TNM-SFLEX-TNM-48-BT
Type N to Type N 6 FT with Slide-On Boots	TNM-SFLEX-TNM-72-BT

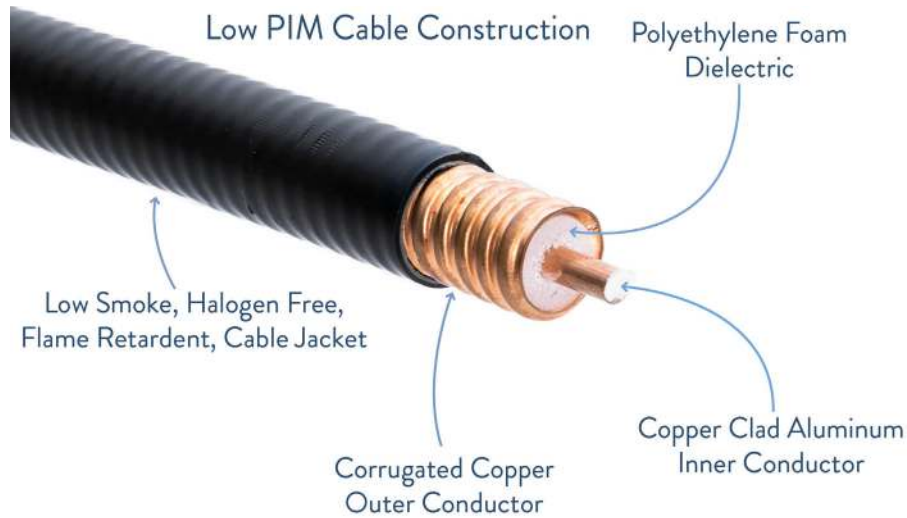
### Custom Cables Also Available

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

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www.gammaelectronics.net



Technical Specifications	
Cable	1/2" Superflex RF
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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