

Gamma's Low Loss coaxial cable kits are a great choice when it comes to fixed wireless, GPS, mobile antennas, DAS and various other communication cable requirements. Gamma low loss cables are highly flexible and offer unsurpassed ease, speed, and high frequency performance. These features make Gamma cables the best choice for any wireless or RF application. They can be used in almost any application where handling characteristics, improved shielding and low loss is required. These kits are particularly easy to install and can be ordered with or without cold shrink.

Our kits include a rugged, UV resistant, low loss, corrosion resistant jumper cable and our SDL series of waterproof, UV resistant cold shrink. By choosing the combination of our carrier approved cold shrink and jumper cables you get the optimal waterproof jumper. Gamma's unique cable assembly design and cold shrink provide a water-tight seal for cables as small as 0.195" O.D.



### Applications

- 50 Ohms Impedance
- Consistent V.S.W.R. performance
- RoHS Compliant
- Independently tested and labeled for critical properties and tracking number
- Robust connector protection, strain relief and torque protection
- Gamma's cold shrink 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 has a flame retardant polyethylene which provides a safer network

## Technical Specifications

Recommended Frequency Range, MHz	0-8,000
Maximum Frequency, MHz	11,000
Center Contact Connector	Brass, Gold Plated
Outer Contact Connector	Brass, Albaloy Plated
Coupling Nut Connector	Hexagon nut
Connector Dielectric	PTFE
Gasket	Silicone Rubber
Jacket	Poly-ethylene
Return Loss, V.S.W.R (@0-7,000 MHz)	≤1.45
Minimum Bend Radius, mm	0.5" to 1"
Installation Temperature, °C	-40 to 85
Operation Temperature, °C	-40 to 85
Sealing Standard	IP68

### TNM-195-TNM-36-SDL

- **3 ft (36 inches) long**
- • Type N to Type N
- • Low Return Loss (VSWR)
- • x2 Gamma TNS-65 Cold Shrink (IP68 Rated)
- • LMR 195 Sized Cable

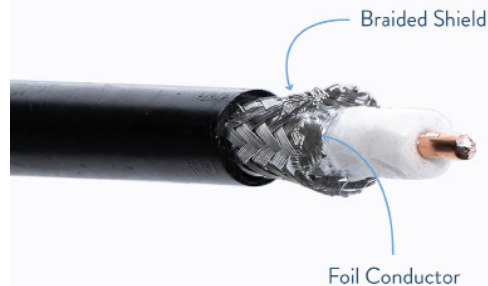
## Ordering Options

Part Number	Connector/Weatherproofing
TNM-195-TNM-36-SDL	N male to N male, GMR-195 Coax 3FT w/Cold Shrink

## Custom Cables Also Available

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

### Low Loss Cable Construction





We took LMR 195 and added a unique heat shrink that builds up the outer diameter of the cable right at the junction of the connector and the cable. Why? Because Cold Shrink can shrink to really small sizes, but not quite LMR 195 small.

By bulking up the cable with Heat Shrink we made the GMR 195. We also made the TNS-65, a Cold Shrink size perfectly suited to fit with the GMR 195, as a companion that can be kitted together with the cable for greater results and greater savings.