

Gamma's Rugged, Ultra Low-Loss Cable Kits are a great choice for fixed wireless, GPS, mobile antennas, DAS and various other communication cable applications. These quarter inch superflex coaxial cables are highly flexible and offer unsurpassed ease and speed. These cables are superior due to the rugged corrugated superflex cable. This offers lower VSWR (return loss) testing results than competing LMRTM style cables. These features make Gamma cables the best choice for any wireless or RF application. They can be used in almost any application where 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, ultra low loss, corrosion resistant jumper cable manufactured with low-smoke halogen-free polyethylene jacket 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.



Applications

- RoHS Compliant
- Impedance: 50 Ohms
- Frequency Range: 0 to 6,000 MHz
- Minimum Bend Radius: 1.0" (25.4 mm)
- VSWR: ≤ 1.2 @ 0~3,000 MHz / ≤ 1.25 @ 3~6,000 MHz
- Robust connector protection, strain relief and torque protection
- High performance, corrosion resistant, factory installed connectors
- Independently tested and labeled for critical properties and lot number
- Gamma's cold shrink and boots easily surpass the IP68 weatherproof standard
- Consistent VSWR performance and Low Passive Intermodulation Interference (PIM)
- Special factory design and assembled jumper provide excellent electrical and mechanical performance
- Cable jacket is low-smoke, halogen-free and flame-retardant, providing a safer higher quality

Loss Comparison Chart

Low Frequency Range, GHz	Cable	Connector A	Connector B	Length, In	Insertion Loss, dB	VSWR
0.1 to 3.0	LMR-400	RPSMA	N	36	-0.61	1.180
0.1 to 3.0	LMR-195	RPSMA	N	36	-1.11	1.179
0.1 to 3.0	S-FLEX 1/4"	RPSMA	N	36	-0.25	1.128
High Frequency Range, GHz	Cable	Connector A	Connector B	Length, In	Insertion Loss, dB	VSWR
3.0 to 6.0	S-FLEX 1/4"	N	N	24	-0.79	1.140
3.0 to 6.0	S-FLEX 1/4"	N	N	36	-0.89	1.150
3.0 to 6.0	S-FLEX 1/4"	RPSMA	N	24	-0.77	1.230
3.0 to 6.0	S-FLEX 1/4"	RPSMA	N	36	-0.82	1.240
3.0 to 6.0	LMR-195	RPSMA	N	36	-1.84	1.230
3.0 to 6.0	LMR-400	RPSMA	N	36	-0.95	1.240

CABLE SPECIFICATIONS

Impedance	50 ohm
Dielectric	Foam Polyethylene
Jacket Material	PE/LSZH
Jacket Diameter	0.299in (7.60mm)

Standard Cable Configurations Below:

- RPSMA Male to N Male
 - 24" & 36"
- N Male to N Male
 - 24" & 36"
- Custom Lengths and Connectors Available



RPSMA Male to RPSMA Male 24" & 36"

Ordering Options

Connector A	Cable	Connector B	Cable Length (inches)	Weatherproofing
R1M	25SFLEX	TNM	24	SDL
R1M	25SFLEX	TNM	36	SDL
R1M	25SFLEX	R1M	36	SDL
TNM	25SFLEX	TNM	24	SDL
TNM	25SFLEX	TNM	36	SDL

- R1M = RPSMA Male
- TNM = N Male
- 25SFLEX = 1/4" Corrugated Superflex
- SDL = Cold Shrink

Part Number Example:

- R1M-25SFLEX-TNM-36-SDL
- RPSMA Male to N Male, 1/4" Superflex Cable with Cold Shrink



RPSMA Male to RPSMA Male 36"