

GRF02-004-141 Male N to Male SMA Jumper

GRF02-0010-141 Male N to Male N Jumper

- 18 GHz
- Precision-Grade Connectors
- Flexible cable

RF CABLE ASSEMBLIES

N-SMA JUMPER ASSEMBLY

RF cable assembly has male Type N plug on one end and SMA plug on the other end. 50 ohm low loss coax cable has unjacketed tinned copper braid for excellent flexibility. SMA connector is stainless steel with gold-plated body and passivated coupling nut. N connector is nickel-plated brass with gold-plated brass pin contact, PTFE insulator, silicone rubber gasket and SST snap-ring.

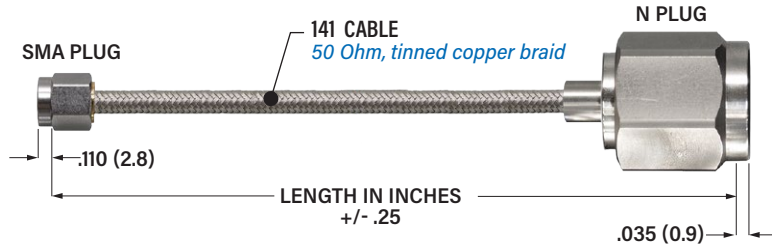
PART NUMBER

GRF02-004-141-◆

Replace ◆ with length in one inch increments, 3 inch minimum

SPECIFICATIONS

- Frequency range: DC - 18 GHz
- VSWR: 1.30 maximum
- Impedance: 50 ohm nominal



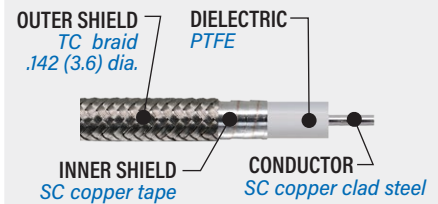
INSERTION LOSS (IL)

	Connector IL (dB)	Cable IL (dB/in)
3 GHz	.250	.020
6 GHz	.353	.030
12 GHz	.500	.046
15 GHz	.558	.053
18 GHz	.612	.060

Calculate Insertion Loss (IL)

Multiply cable length in inches times the Cable IL from table. Add this to connector IL from table. Connector IL includes both connectors.

141 CABLE CONSTRUCTION



WEIGHT

	Weight (ounces)
Connectors	1.56
Coax Cable	.04 per inch

N-N JUMPER ASSEMBLY

RF cable assembly has male Type N plug on both ends. 50 ohm low loss coax cable has unjacketed tinned copper braid for excellent flexibility. N connectors are nickel-plated brass with gold-plated brass pin contact, PTFE insulator, silicone rubber gasket and SST snap-ring.

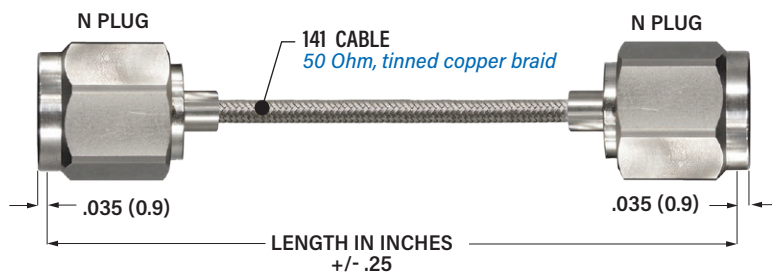
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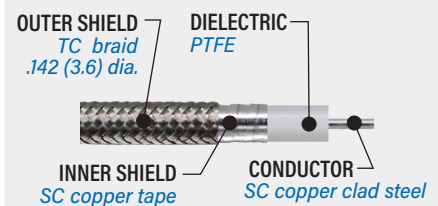
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Calculate Insertion Loss (IL)

Multiply cable length in inches times the Cable IL from table. Add this to connector IL from table. Connector IL includes both connectors.

141 CABLE CONSTRUCTION



WEIGHT

	Weight (ounces)
Connectors	2.96
Coax Cable	.04 per inch