



Performance Flexible RF Cables

0.141" & 0.086" Cable Types

Up to 18GHz Solutions



50Ω Connector options including;
 SMA/B/C, Type-N, TNC, SMP, MCX & more
 Str & R/A Male and Bkhd Female solutions
 Low Profile 18GHz N & SMA R/A Solutions
 Low VSWR Connector Options
 Double Shielded Low Loss Cable
 Corrosion Resistant Connectors
 Weatherproof Options Available



| Connector Style | 6GHz (SMB 4GHz) | 12GHz | 18GHz |
|--------------------|-----------------------------|--------|--------|
| VSWRmax - SMA | 1.10:1 | 1.20:1 | 1.25:1 |
| VSWRmax - Type-N | 1.10:1 | 1.20:1 | 1.30:1 |
| VSWRmax - TNC | 1.15:1 | 1.25:1 | 1.35:1 |
| VSWRmax - SMP | 1.20:1 | 1.28:1 | 1.38:1 |
| VSWRmax - SMB-4GHz | 1.30:1 | | |
| VSWRmax - MCX | 1.35:1 | | |
| IL(dB) - A28 - 1ft | 0.895 | 1.293 | 1.609 |
| IL(dB) - A28 - 2ft | 1.547 | 2.242 | 2.797 |
| IL(dB) - A28 - 3ft | 2.200 | 3.192 | 3.986 |
| Min Bend A28 | 6mm Single / 20mm Multiple | | |
| IL(dB) - A29 - 1ft | 0.605 | 0.890 | 1.122 |
| IL(dB) - A29 - 2ft | 0.968 | 1.437 | 1.824 |
| IL(dB) - A29 - 3ft | 1.331 | 1.984 | 2.525 |
| Min Bend A29 | 10mm Single / 40mm Multiple | | |

ConductRF LSA series of Low Loss, Performance flexible RF cable assemblies, provide microwave system designers with a versatile solution for most applications. Here we offer customers a solution for 0.086" dia. cable that facilitates greater flexibility and handling or, 0.141" dia. that exploits the same great performance but with almost half the loss.

Connector options include SMA, Type-N, TNC & SMP that provide excellent VSWR between DC and 18GHz, also solutions for MCX & SMB are available in a wide array of configurations.

These assemblies are built using our own double shielded, FEP jacketed cable, that was developed specifically for performance solutions. With shielding effectiveness exceeding 90dB through 18GHz, these cables minimize the threat of cross-talk effect.

ConductRF guarantees it's performance through 100% factory test prior to shipping. Additional options are also available with enhanced bonded strain relief and rear seals to support cables that are weatherproof in the mated condition.



Data subject to change.

LSA29-S1S1-F05

LS#XX-YYZ-YYY

- #
A = Standard/Internal Use
E = Weather Enhanced
- XX
28 = 0.086" Dia Cable
29 = 0.141" Dia Cable
- Y
S = SMA
N = Type-N
T = TNC
M = MCX
B = SMB
P = SMP
- Z
1 = Straight Male
2 = Right Angle Male
3 = Bulkhead Female
- YYY
FFY = Length in Ft (F06 = 6ft)
SYY = Length in In. (S18 = 18")
YMY = Length in M (2M5 = 2.5m)
CYY = Length in CM (C50 = 50cm)

