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SAC-211

3 Meter RF cable

up to 11 GHz

Standard RF cable assembly to meet
the needs of any test lab.



Frequency Range: DC - 11 GHz

Attenuation: 0.302 dB per meter @ 1 GHz

Impedance: 50 ohms

Capacitance: 100 pF/m

Velocity: 66%

Max Power @ 1 GHz: 170 watts @ 1 GHz

Standard connectors: N-type, male

Standard Cable Length: 3 Meter (custom lengths made upon request)

Physical Dimensions

Cable size (O.D.): 0.425in. (10.8mm)

Minimum bend radius: 1.6 in. (40mm)

Temp Range -40° to +80° C

In high-stakes RF environments, signal integrity isn't just a goal—it's a requirement. Our SAC-211 cable assemblies use double-silver shielding to keep your signal pristine and external interference at bay. Paired with precision-machined N-type connectors, it's the definitive choice for professionals who value low loss as much as they value their uptime. Built for durability and refined for accuracy, it's the cable your high-frequency applications have been waiting for.

Most cables are content with "good enough." The RG-214/U is built for "better than." Its defining feature is a **double-shielded silver-plated copper construction**, providing exceptional EMI/RFI protection and longevity.

- **Superior Shielding:** The dual-layer silver-plated braid ensures that your signal stays in and the "noise" stays out.
- **Low Attenuation:** Silver plating doesn't just look fancy; it significantly improves conductivity and reduces signal loss at higher frequencies.
- **Industrial Durability:** Wrapped in a rugged, non-contaminating PVC jacket (Type IIA), this cable is built to survive UV exposure, oil, and chemicals.
- **The "N" Factor:** Equipped with precision-machined **N-Type connectors**, offering a secure, threaded connection that minimizes VSWR and handles frequencies up to 11 GHz.

Standard Length for all cables is 3 meters. Longer cables can be ordered (specify "-x" with the length in meters after the model number, e.g., SAC- 211-0.5 = 0.5 meters). Please call us and discuss your needs with one of our design engineers.

Information presented in this datasheet was current at the time of publication. A.H. Systems continual product improvement makes it necessary to reserve the right to change our electrical and mechanical specifications without notice.

A.H. Systems



EMC Antennas and more

