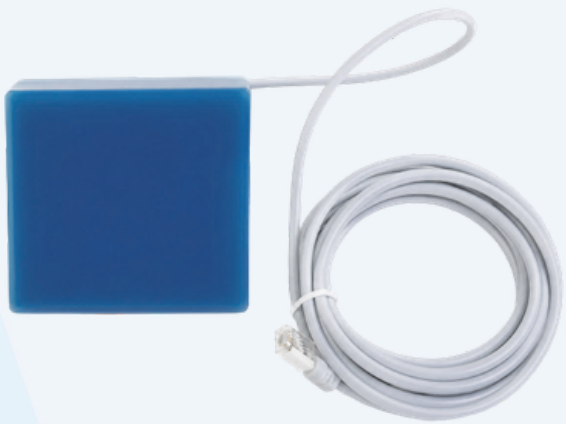

WNC-FT-CC
Foot Call Cord

The Foot Call Cord (Model: WNC-FT-CC) is a specialized, hands-free patient signaling device engineered for integration into wireless nurse call systems. Designed for patients with limited manual dexterity, paralysis, severe arthritis, or temporary upper-extremity immobilization, this heavy-duty foot switch allows users to securely place a call for assistance using simple foot pressure.

Constructed to withstand regular floor-level impact and aggressive cleaning/disinfection protocols, the WNC-FT-CC plugs directly into standard wireless patient stations. It serves as an essential component for comprehensive, accessible patient care environment designs.

Specifications

- **Switch Mechanism:** Momentary Contact, Normally Open (N/O)
- **Actuation Force:** 2.5 to 3.5 lbs of downward pressure
- **Base Dimensions:** 5.0" W × 3.5" W × 1.25" H (approximate)
- **Standard Cable Length:** 10 Feet (3.05 meters)
- **Termination Connector:** ¼-inch (6.35mm) Right-Angle 2-Conductor Phone Plug
- **Housing Material:** Impact-resistant, flame-retardant ABS plastic with weighted steel base plate
- **Contact Rating:** 1A at 24VDC / 120VAC
- **Ingress Protection:** IPX4 standard (splash-proof); IP67 optional upgrade
- **Weight:** 1.4 lbs (including standard 10ft cable assembly)

Equipment Options

- **Extended Cable Lengths (-12 / -15):** Available in standard 10-foot lengths, with options for 12-foot or 15-foot extended range cables for large bariatric or specialized ICU room footprints.
- **Dual-Pedal Assembly (-DP):** Split-pedal configuration providing distinct inputs for routine nurse call requests and secondary utility or lighting controls.
- **Mechanical Security Clip (-SC):** Heavy-duty bed/sheet metal clamp accessory to keep the cable routed cleanly along furniture frames and out of high-traffic walking pathways.
- **Waterproof IP67 Enclosure (-WP):** Upgraded hermetically-sealed switch assembly optimized for high-fluid environments such as specialized hydrotherapy or scrub suites.

Architects and Engineers Specifications

The patient auxiliary signaling system shall feature the Foot Call Cord (Model: WNC-FT-CC) or an approved functional equivalent. The switch assembly shall be optimized for hands-free floor activation and constructed with a weighted, non-slip base mechanism preventing lateral drift across standard hospital floor surfaces during operation.

The contact mechanism shall consist of a momentary, normally open switch requiring less than 4 lbs of concentrated downward force for full actuation. The cord shall be a minimum of 10 feet in length, jacketed in a cleanable PVC insulation compound incorporating an antimicrobial agent, and terminated with a molded right-angle 2-conductor ¼-inch phone plug.

The device shall be mechanically safe for operation within oxygen-enriched environments. It must support standard supervisory protocol, initiating a continuous system fault notification at the primary nursing station terminal if the physical plug configuration becomes unseated from the corresponding wall terminal receptacle.

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Product Specification Sheet

WNC-FT-CC

Foot Call Cord

Features & Benefits

- **Hands-Free Operation:** Allows patients to activate nurse call signals without using their hands, promoting independence and reducing fall risks associated with reaching for traditional cords.
- **Low-Profile, High-Stability Base:** Engineered with a weighted, non-skid rubberized foundation that resists sliding on polished facility flooring.
- **Large Activation Target:** Features a broad, highly sensitive actuation pad that triggers reliably from multiple angles of pressure.
- **Heavy-Duty Shielded Cable:** Outfitted with a durable, strain-relieved vinyl-jacketed cord engineered to resist stretching, twisting, and continuous foot traffic.
- **Molded ¼-Inch (6.3mm) Phone Plug:** Terminates in a standard right-angle monaural plug configuration, minimizing physical profile or when connected to wall stations.
- **Oxygen Test Safe:** Built completely with mechanical switching components that prevent electrical arcing, ensuring safety in oxygen-enriched clinical spaces.
- **Tactile and Audible Feedback:** Mechanically tuned internal switch delivers an explicit physical click response, reassuring the patient that their call has been successfully placed.
- **Antimicrobial Protection:** The vinyl cable housing and pedal molding incorporate specialized additives that actively inhibit bacterial and fungal growth at the device surface.
- **High-Contrast Design:** Styled with a distinct, high-visibility color palette to ensure patients with low visual acuity can easily locate the pedal on the floor.
- **Mechanical Cord-Out Supervised Fail-Safe:** When paired with a supervised wireless station, accidental physical disconnection of the plug instantly triggers a distinct “Cord Out” alert at the console to notify staff.

Compliance and Certification

- **FCC Status:** Classified as a passive mechanical assembly under FCC Part 15 regulations. When paired with an approved wireless station transmitter, it maintains full compliance without adding RF noise or electromagnetic interference to adjacent hospital hardware.
- **UL Status:** Listed and component-approved under UL 1069 (Hospital Signaling and Nurse Call Equipment), ensuring compliance with rigorous clinical durability, fire-retardancy, and shock-safety criteria.
- **RoHS Status:** Manufactured completely free of hazardous materials, conforming strictly to RoHS directives regarding lead, mercury, hexavalent chromium, and polybrominated biphenyls (PBB/PBDE).

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