Product Specification Sheet
WNC-CC12
12-Foot Call Cord



WNC-FT-CC
Foot Call Cord

The BEC WNC-CC12 12-Foot Call Cord is a heavy-duty, patient-activated nurse call peripheral engineered for reliable integration with Wireless Nurse Call Systems. Featuring a generous 12-foot length, it allows patients extended mobility and flexible positioning in larger acute care rooms or long-term care suites without straining the wall-mounted bed station interface.

Equipped with an ergonomic, easy-grip molded pendant, patients with limited dexterity can effortlessly actuate a call. When the molded button is pressed, the mechanical closing of the circuit instantly triggers a signal across the bed station's input jack, broadcasting a priority call to the central wireless console and corridor dome lights.

Specifications

- **Cord Length:** 12 Feet (3.66 meters)
- **Connector Type:** 1/4 inch (6.35mm) Single-Channel (Mono) Right-Angle Phone Plug
- **Contact Composition:** Nickel-plated brass to resist oxidation and maintain high conductivity
- **Conductor Gauge:** 22 AWG, high-strand flexible copper core
- **Jacket Material:** Medical-grade, non-marking flexible PVC
- **Color Scheme:** Clean White cord and pendant shell with high-visibility Red call button

Equipment Options

The WNC-CC12 can be selected with various optional configurations and accessories to suit specific clinical protocols:

- **WNC-CC12-M:** Oxygen-Safe Mechanical Pendant version (Standard).
- **WNC-CC12-P:** Pneumatic Air-Activated Pendant version for environments utilizing high-concentration oxygen therapy or specialized safety requirements.
- **Bedside Sheet Clip (WNC-SC):** Heavy-duty, non-slip metal alligator clip with plastic shroud to safely secure the cord to patient bedding, preventing the pendant from slipping out of reach.
- **Dual-Jack Adapter (WNC-YAD):** “Y-splitter” module allowing two separate WNC-CC12 call cords to plug into a single single-jack wireless bed station for semi-private room setups.

Architects and Engineers Specifications

1.0 Patient Call Cord Component Requirements

A. The contractor shall furnish and install the 12-foot patient call cord, Model WNC-CC12, at all single and dual wireless bed station locations as indicated on the contract drawings.

B. The call cord shall feature a continuous 12-foot highly flexible, medical-grade jacket housing high-strand conductors to endure constant repositioning without fatigue failure. The call pendant housing shall be sealed, water-resistant, and ergonomically sculpted for easy operation by weak or geriatric patients.

C. The connection termination must consist of a molded, right-angle 1/4-inch (6.35mm) mono plug designed to minimize leverage stress on the host bed station receptacle.

D. The unit must operate via simple mechanical closing of a dry contact circuit. It must be electrically isolated, safe for use in oxygen-enriched patient care environments, and built to withstand routine surface disinfection with quaternary ammonium compounds.

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Features & Benefits

- **Ergonomic Tactile Pendant:** Form-fitting, high-visibility red call button provides distinct mechanical/tactile feedback when clicked, assuring the patient that their call has been placed.
- **Molded Standard 1/4" (6.35mm) Phone Plug:** Precision-molded right-angle plug fits tightly into standard wireless bed station jacks, reducing accidental physical disconnections.
- **Impact-Resistant Housing:** Constructed from high-impact ABS medical polymer designed to withstand repeated drops onto hard hospital flooring and exposure to harsh institutional sanitizers.
- **Strain Relief Booting:** Over-molded vulcanized rubber boots at both the pendant and the plug junctions absorb pulling stress, protecting internal copper conductors from shearing.

Compliance and Certification

The WNC-CC12 call cord component complies with structural safety regulations governing emergency medical communications:

- **UL 1069 Accessory Tested:** Designed to function as a fully compliant, supervised or unsupervised sub-component within standard UL 1069 Hospital Signaling and Nurse Call System installations.
- **Oxygen Safe (NFPA 99):** Built completely with non-arcing, low-voltage mechanical components, complying with NFPA 99 requirements for safe operation in oxygen-enriched hyperbaric or standard clinical care zones.
- **RoHS Compliant:** Manufactured entirely free of lead, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), and other hazardous heavy metals.

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