Product Specification Sheet
WNC-CC10
Bed Station 10 Foot Call Cords



WNC-CC10
Bed Station 10 Foot Call Cords

The BEC WNC-CC10 is an ergonomic, industrial-grade 10-foot patient call cord designed to provide clear, reliable communication between the patient bedside and the central wireless monitoring console. Engineered to plug directly into wireless single (WNC-BS) or dual (WNC-BS2) patient bed stations, it initiates an immediate visual and audible call for assistance upon activation. Its flexible design is built to withstand the demanding, high-traffic conditions of modern healthcare facilities, making it ideal for retrofits, system expansions, and new installations.

Specifications

- **Physical Length:** 10 Feet (3.05 meters)
- **Connector Configuration:** 1/4" (6.35mm) Mono Phone Plug, Right-Angle Molded
- **Contact Type:** Momentary Contact, Normally Open (N.O.)
- **Cord Jacket Material:** Medical-Grade Polyvinyl Chloride (PVC)
- **Color:** Clinical White / Off-White
- **Power Input:** Low-voltage passive device; powered strictly via host Bedside Station
- **Operating Temperature:** 50°F to 120°F (10°C to 49°C)
- **Operating Humidity:** 5% to 95% Non-condensing

Architects and Engineers Specifications

1. General System Requirements
The contractor shall furnish and install the BEC WNC-CC10 10-foot call cord (or approved equal) for use with the facility's wireless nurse call system. The cord must interface natively with the designated single or dual wireless bedside transmitters without modifying the station housing or requiring intermediate adaptors.

2. Component Specifications
- Cable Composition: The assembly shall utilize a white, flexible polyvinyl-chloride (PVC) jacketed cord measuring exactly 10 feet in length.
- Pendant Construction: The patient-end interface must consist of a shockproof, injection-molded plastic pendant housing a momentary-contact, non-locking push button.
- Connector Type: The station-end interface shall feature a heavy-duty, molded right-angle 1/4" (6.35mm) standard phone plug designed to reduce physical strain on the host bedside jack.
- Fixing Hardware: A stainless steel or high-tensile plastic bedding clip must be integrated into the cord assembly to prevent dropping or shifting from the patient zone.

3. Operational Environment & Maintenance
The call cord must function reliably within normal indoor clinical boundaries (50°F to 120°F / 10°C to 49°C) under non-condensing conditions.
The complete assembly must withstand continuous sanitization via institutional hospital-grade liquid disinfectants and chemical sterilization protocols.
The pendant unit is strictly restricted from usage inside oxygen-enriched atmospheres (e.g., hyperbaric chambers or direct oxygen tents).

Equipment Options

While the WNC-CC10 specifies the standard 10-foot variant, the series includes the following optional configurations to meet varied patient room layouts and specialty care requirements:

- **WNC-CC8:** Standard 8-foot length call cord.
- **WNC-CC12:** Extended 12-foot length call cord for large rooms or specialized bariatric suites.
- **WNC-FT-CC:** Foot-activated call cord for patients with limited upper-limb mobility.
- **WNC-BR-CC:** Breath-activated (Pneumatic/Sip-and-Puff) call cord for specialized mobility needs.
- **WNC-SCC:** Geriatric Ball-style call cord for patients with weak grip strength.

Toll-Free: 888.556.3998
Phone: 716.689.0871
Address: 5225 SHERIDAN DR STE 110,
GEORGETOWN SQUARE, WILLIAMSVILLE NY 14221-4952
E-mail: support@becsolutionsllc.com

Product Specification Sheet

WNC-CC10

Bed Station 10 Foot Call Cords

Features & Benefits

- **Momentary Push-Button Pendant:** Equipped with an easy-to-press, tactile feedback button housed in a durable, high-impact shell.
- **Molded Right-Angle 1/4" Plug:** Features a heavy-duty, molded 1/4-inch (6.35mm) phone plug that creates a secure connection while maintaining a low profile against the wall station.
- **Bedding Clip Included:** Comes standard with a heavy-duty sheet/pillow clip to anchor the cord firmly within the patient's reach.
- **Sanitary-Grade Jacket:** Covered in a smooth, medical-grade vinyl jacket designed for easy wiping, routine disinfection, and chemical sterilization.
- **Shockproof Construction:** Safely insulated to eliminate electrical shock hazards in close proximity to patient bedding.
- **Residual Heat Emulsion Zone Safety:** The mechanical design limits exposed conductive metal, minimizing risk during electrostatic discharge (ESD) events.
- **Plenum/Wall Protection:** Right-angle construction minimizes damage to the patient station jack assembly if the bed is moved abruptly without disconnecting the cord.
- **Proprietary Infrastructure:** Designed exclusively for use within fully supervised 900 MHz spread-spectrum wireless network environments, bypassing traditional third-party reliance.

Compliance and Certification

Because the WNC-CC10 acts as a passive, low-voltage mechanical accessory to the host wireless transceiver station, its field compliance is certified in conjunction with the host BEC wireless ecosystem:

- **UL1069 Edition 7 Certification:** Compliant for use in hospital signaling and nurse call equipment when mated with a UL1069-Listed wireless single/dual patient station.
- **UL2560 Certification:** Approved for use in emergency call systems within assisted living and long-term care environments.
- **FCC Status:** Fully compliant under FCC Part 15 regulations via host transmitter framework utilizing 900 MHz frequency-hopping spread spectrum technology to prevent localized RF interference.
- **RoHS Status:** Constructed using lead-free, RoHS-compliant materials to satisfy environmental healthcare safety mandates.

Toll-Free: 888.556.3998
Phone: 716.689.0871
Address: 5225 SHERIDAN DR STE 110,
GEORGETOWN SQUARE, WILLIAMSVILLE NY 14221-4952
E-mail: support@becsolutionsllc.com