Product Specification Sheet
WNC-CC-UL1069
Bed Station Call Cord



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The WNC-CC-UL1069 Bed Station Call Cord is a highly durable, oxygen-safe patient interface device engineered specifically for use in acute care hospitals, long-term care facilities, and skilled nursing environments. Designed to interface seamlessly with UL 1069-listed wireless bedside patient stations, this mechanical call cord provides patients with a reliable, immediate method to signal nursing staff for routine or emergency assistance.

Constructed from impact-resistant, flame-retardant materials, the WNC-CC-UL1069 is built to withstand the rigorous physical demands of high-turnover healthcare environments. Its molded, ergonomic “winged” pendant design accommodates patients with limited dexterity, ensuring clear tactile feedback when an alert is initiated.

Specifications

- Switch Configuration: S.P.S.T. (Single-Pole, Single-Throw)
- Switch Operation: Momentary, Normally Open (N.O.)
- Contact Rating: 1 Amp at 24V DC / 500mA
- Contact Material: Solid Brass, Hard Gold-Plated
- Connector Plug: 1/4-inch (6.35 mm) standard phone jack plug
- Standard Cord Length: 8 Feet (2.44 meters)
- Also available in 10-ft and 12-ft options
- Housing Material: High-impact, flame-retardant ABS plastic (UL 94-V0 rated)
- Operating Temperature: 50°F to 120°F (10°C to 49°C), indoor non-condensing
- Attachment Mechanism: Included heavy-duty metal sheet/linen alligator clip

Architects and Engineers Specifications

The Patient Interface Device shall be a mechanical, tactile bed station call cord, model Wireless Nurse Call SKU: WNC-CC-UL1069. The unit must be listed under the UL 1069 standard for Hospital Signaling and Nurse Call Equipment, ensuring full physical, mechanical, and electrical performance compliance with NFPA 99 healthcare facility codes.

The assembly shall consist of an ergonomic, molded “winged” pendant containing a passive Single-Pole, Single-Throw (S.P.S.T.) momentary switch mechanism utilizing brass, hard gold-plated contacts. The switch structure must be entirely sealed to provide spark-free, oxygen-safe execution within high-oxygen patient enclosures and must endure repeated exposure to standardized quaternary ammonium hospital sanitization compounds.

Electrical connectivity to the local supervised wireless bedside station shall be achieved via a heavy-duty, molded 1/4-inch (6.35 mm) phone plug attached to an 8-foot durable vinyl-jacketed multiconductor cable. The call cord must include an integrated, spring-loaded sheet clip to maintain stable patient accessibility. Disconnection or structural extraction of the call cord from the companion bedside station jack shall automatically generate a distinctive cord-out diagnostic fault alert at the master computer console.

Equipment Options

The WNC-CC-UL1069 operates as a vital physical interface component within a broader, supervised wireless infrastructure. It connects directly into and is supported by:

- Wireless Bedside Stations: Natively compatible with the UL 1069 Wireless Single Bed Station and UL 1069 Wireless Dual Bed Station module footprints.
- Specialized Call Cord Variants: Can be substituted or deployed alongside companion patient options including the WNC-FT-CC (Foot Call Cord), WNC-BA-CC (Breath/Pneumatic Call Cord), and WNC-SCC (Waterproof Ball Call Cords), depending on specific patient accessibility profiles.
- System Integration: Fully monitored by the central WNC-SERVER-UL1069 PC Computer Console and WNC-RC Wireless Receivers to trigger rapid mapping coordinates, room notifications, and associated hallway corridor dome lights.

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Features & Benefits

- **UL 1069 Compliance:** Listed specifically for hospital signaling and nurse call equipment, meeting the strict performance guidelines required for acute and skilled care facilities.
- **Oxygen-Safe Operation:** Engineered with fully sealed, gold-plated mechanical switch contacts to prevent electrical arcing, ensuring total safety when operated in oxygen-enriched patient environments, including tents or localized oxygen therapy zones.
- **Tactile Winged Pendant:** Features an ergonomic, easy-to-grip molded pendant body with protective wings to prevent accidental button activation when placed in a patient's bed.
- **Molded 1/4-Inch Phone Plug:** Terminated with a heavy-duty, industry-standard 1/4-inch (6.35 mm) right-angle or straight phone jack plug that provides secure connectivity to the bedside transmitter wall station.
- **Water-Resistant & Cleanable:** Built with a smooth, moisture-sealed vinyl-jacketed cord and pendant housing designed to withstand standard hospital-grade sanitization, chemical wipe-downs, and regular washing procedures.
- **Security Linen Clip:** Outfitted with an integrated, non-destructive spring-loaded bed sheet/linen clip to securely anchor the cord within the patient's reach and prevent it from falling to the floor.
- **Mechanical Reliability:** Utilizes a highly durable Single-Pole, Single-Throw (S.P.S.T.) 1-Amp momentary switch rated for over one million operations, ensuring prolonged service life.
- **Cord Breakaway Protection:** Designed to minimize station damage by safely sliding out of the wall interface jack if a patient bed is suddenly moved without disconnecting the cord first.
- **Anti-Microbial Properties:** Formulated with smooth, non-porous surfaces that reduce microscopic crevices, simplifying infection-control workflows between patient assignments.

Compliance and Certification

- **UL Standards:** Certified to the UL 1069 Standard for Hospital Signaling and Nurse Call Equipment (4th Edition Standards), verifying compliance with the National Fire Protection Association's life-safety criteria (NFPA 99 Health Care Facilities Code).
- **FCC Status:** Part 15 compliant by extension of its fully passive mechanical architecture; generates zero localized intentional radio-frequency emissions, preventing interference with adjacent clinical monitoring equipment.
- **RoHS Status:** Fabricated utilizing lead-free, non-toxic components, conforming fully to Restriction of Hazardous Substances environmental regulations.

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