n.FORM®
SMART ROUTER
MCR-500-SR (UL MODEL G135)

FUNCTION

The n.FORM® Smart router ensures quality data transmission, paging and music integrity across long cable runs (3000 feet or more). Each router terminates and rebroadcasts paging, audio, LOC and control network (LON) signals back to full strength, allowing the system wiring network to work at best practices standards. The Smart Router will automatically bypass the music and page audio if the Smart Switch closes due to a broken data cable.

The Smart Router works with G8220 Headend Rack Unit.

FEATURES AND CAPABILITIES

+ Amplifies paging and music signals.
+ Repeats the LON signal.
+ Repeats the LOC signal.
+ Properly terminates the Data and LOC signals.
+ Allows adjustment to the amount of amplification to compensate for cable loss for various lengths of cable.
+ Automatic bypass for music and paging if Smart Switch closes due to a broken data cable.

Note: Never plug any Smart Router into a computer or network or like device other than the n.FORM equipment as damage to the computer or like equipment could occur.

ENCLOSURE

+ Powder coated aluminum
+ Dimensions: 17.25" W x 1.75" H x 6.65" D
+ Weight: 3lbs

ROUTER INPUT VOLTAGE / POWER

+ 115 or 208 VAC
+ 24VDC UPS Connection
+ 24W

INPUTS / OUTPUTS

+ Data Cat 5e, RJ45

HEAT DISSIPATION

+ 82 BTU/hr max

AGENCY LISTINGS

+ UL 2572 /ULC S576
+ UL 864 / ULC S527