

smartIAQ GridSet Power and Communication Cable

PRODUCT DESCRIPTION

The Power and Communication cable is a twisted-pair copper cable used to provide both low-voltage power and data communication for integrated control applications. The cable is able to provide 48 VDC power to GridSet units via the smartIAQ Hub-4 Power Supply Unit. When attached to a Hub-4 Pro power supply, and connected to GridSet Pro units, the cable simultaneously provides communication with the air cleaner, facilitating interface with a Modbus/BACnet building automation system.

The cable consists of four pairs of 24-AWG insulated copper conductors twisted at controlled rates to minimize crosstalk and electromagnetic interference, allowing selected pairs to deliver 48 VDC power while remaining pairs support differential data signaling for BMS communication. Rated for use in plenum applications, the 100 ft cable enables reliable power distribution and robust network communication in a single structured cabling solution for building systems integration.



SPECIFICATIONS

Cable Length	100 ft.	Communication Rating	Cat 5E
Connector Type	RJ45	Application Rating	CMP (Plenum)
Conductor Size	24 AWG	Sheath Color	Black