



CONSPEC®

INNOVATION THAT DIGS DEEPER.

P1209 CABLE



P1209 Cable

The P1209 cable is a heavy-duty cable available for use in areas that demand extra protection, comprised of four wires, protected by a waterproof PVC jacket.

Two lines are for data communication (transmitting and receiving) and two are for power (common and power).

Available in three configurations, there is a cable suitable for any application.

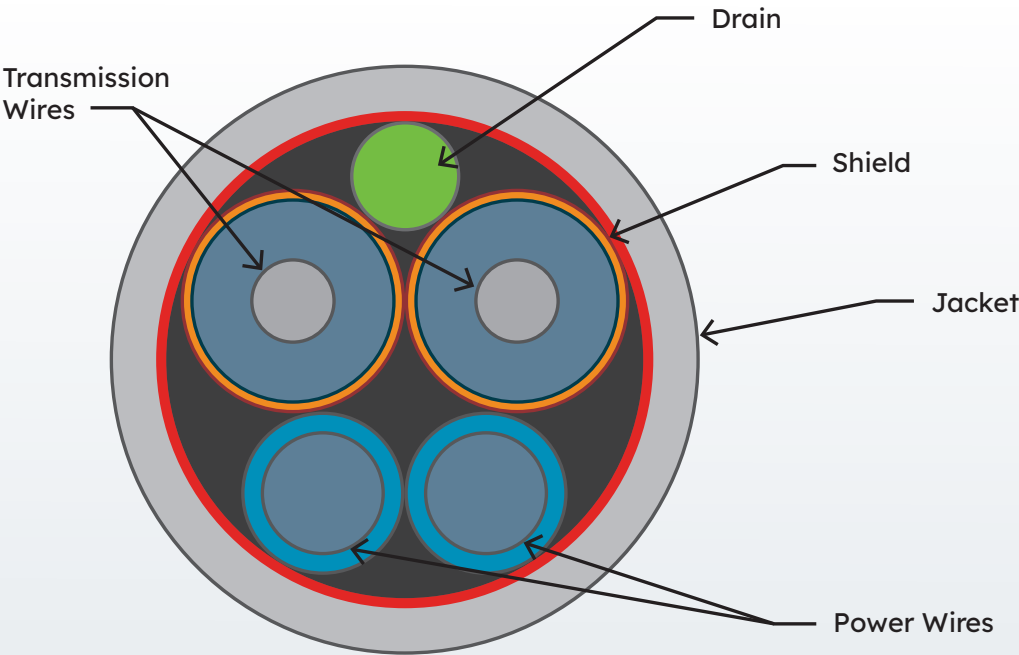
APPLICATIONS

Installing an underground supervisory system in your mine gives you more control over your operations, helping you cut costs and increase production. To do this however, the system must be able to communicate data accurately over long distances in a timely manner.

Conspec's Senturion monitoring and control system gives you all of these benefits, and more, by using a simple communication medium known as the Accessor Trunk Cable. This compact, four wire cable running throughout the area that you want to control and monitor, is the only communication line you require. There is no need for the bulky amount of hard wiring that other systems employ. With the

Senturion system the devices you use to monitor and control your equipment or operations can be spliced into anywhere along the Accessor Trunk Cable. Since they are connected in parallel, only one trunk is needed to support a maximum of 256 devices, allowing you to communicate with up to 10,000 points. The data transmitting and receiving lines in the Accessor Trunk Cable can carry a communication signal for up to 2500m (8200 feet). With the use of a Trunk Expander card, which reconditions the signal, this distance can easily be doubled. By using three Expanders, communication can be maintained over six km (3.72 miles). The great distances that can be covered by a single trunk without the aid of remote field stations, translates into the most cost effective powered communication system on the market today.

Accessor Trunk Cable



PHYSICAL DIMENSIONS

Maximum Outside Diameter: 0.5 inches (1.27 cm)

ELECTRICAL REQUIREMENTS

Maximum Voltage: 30 V DC

OPERATING REQUIREMENTS

Temperature: 0 to +140F (-18 to +60C)

CONDUCTOR COLOR CODE

- Brown: Receiving
- Yellow: Transmitting
- Orange: Common
- Red: 24 V DC Power

CABLE TYPE

P1209

COMMUNICATION LINES

#18 AWG

POWER LINES:

#12 AWG

APPROVALS:

MSHA PART 18