

Specifications – 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)

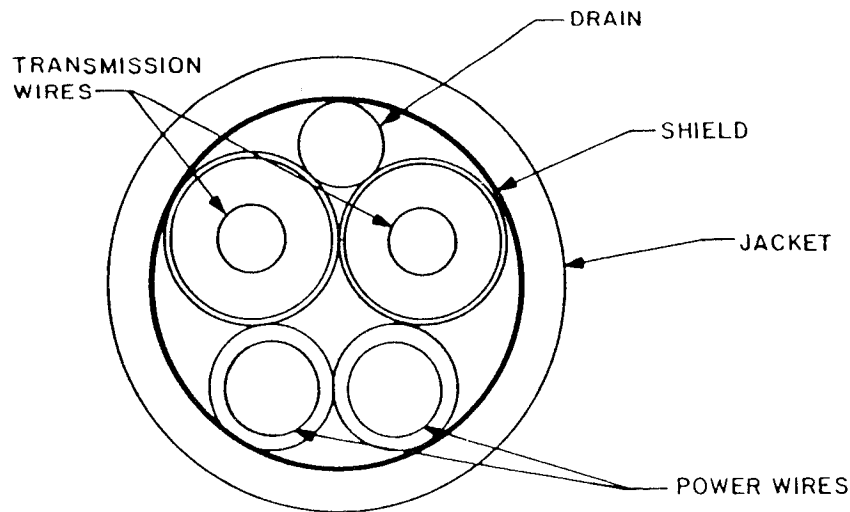
Conductor Color Code

Brown:	Receiving
Yellow:	Transmitting
Orange:	Common
Red:	24 V DC power

Cable Type

	Communication Lines	Power Lines
P1207:	#18 AWG	#14 AWG
P1208:	#18 AWG	#12 AWG
P1209:	#18 AWG	#12 AWG

Accessor Trunk Cable



conspec controls

44 Martin Ross Avenue
Downsview, Ontario M3J 2K8
Telephone (416) 661-0500
Fax (416) 736-1684
Telex 06-22213

Charleroi Industrial Park
6 Guttman Blvd.
Charleroi, Pa. 15022
Telephone (412) 489-8450
Fax (412) 489-9772

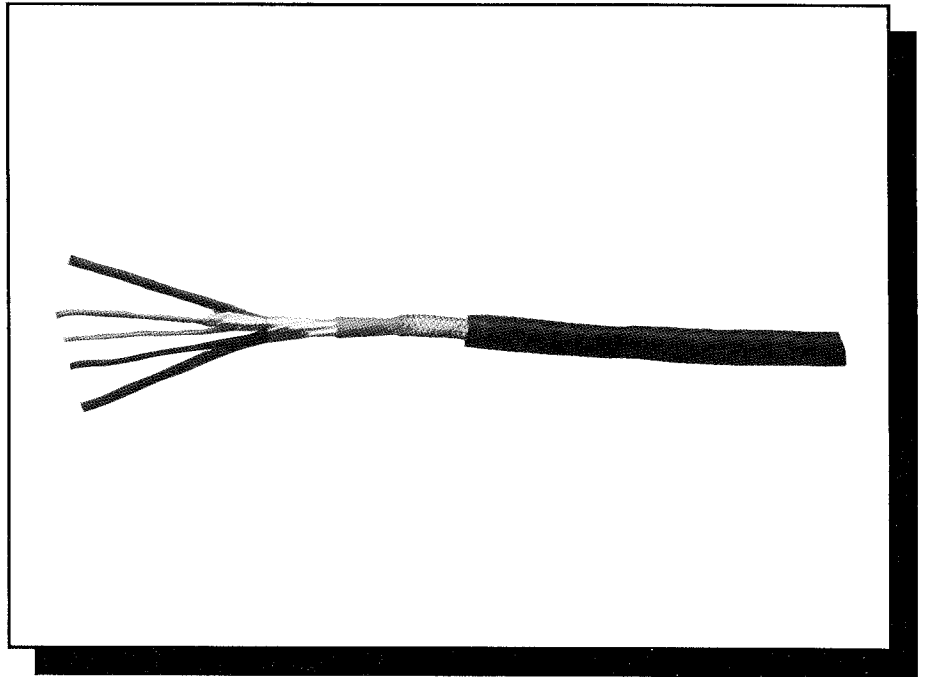
Accessor Trunk Cable – P1207, P1208 & P1209

Application

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 has to 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 Accessors that you use to monitor and control your equipment or operations can be placed anywhere along the Accessor Trunk Cable. Since they are connected in parallel, only one trunk is needed to support a maximum of 128 Accessors, allowing you to communicate with up to 1,000 points.

The data transmitting and receiving lines in the Accessor Trunk Cable can carry a communication signal for up to 8,000 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 for over six 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 communication system on the market today.

With the Accessor Trunk Cable, the Senturion monitoring and control system can keep you in touch with your operations anywhere in your mine. After all, isn't that what a supervisory system is all about?

Description

Accessor Trunk Cable is 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.

The standard trunk cable (P1207) is suitable for general applications and power requirements. A heavy duty version (P1208) is available for higher electrical loads and a heavy duty, shielded cable (P1209) is available for use in areas that demand extra protection.