

# PWC-525



**Little Rock**  
800-945-5542

**Virginia Beach**  
757-361-0207

**Baton Rouge**  
888-754-5707

**Las Vegas**  
702-696-0001

**Houston**  
888-388-6280

**Kentucky**  
859-727-6100

## Three Conductor Type SHD-GC 25,000 Volts

### Applications:

Heavy duty high voltage portable power cable for use in circuits not exceeding the rated voltage. These cables are used for heavy mobile equipment such as drag lines, shovels, dredges, drills, other off-track equipment. Recommended maximum continuous conductor temperature is 90°C.

Cable carries "MSHA" marking indicating listing by the Mine Safety and Health Administration and the Pennsylvania Department of Environmental Resources.

Mining Cable meets or exceeds ICEA Standards S-68-516 & S-75-381.

### Conductors

Flexible tinned copper

### Strand Shield

Semi-conducting layer.

### Insulation

90°C Ethylene-Propylene rubber (EPR)

### Insulation Shielding

Semi-conducting layer under tinned copper and color coded nylon braid.

### Ground Check Conductor

8 AWG 7x19 wire flexible tinned copper with yellow insulation

### Ground Wires

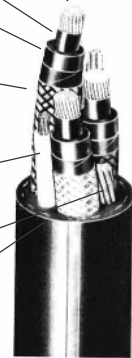
Flexible tinned copper.

### Assembly

Rubber fillers and tape.

### Jacket

Two layer reinforced CPE with permanent surface marking (1).



Size AWG/ MCM	Power Conductors		Insulation Thickness Mils	Grounding Conductor		Jacket Thickness Mils	Nominal Diameter In. (2)	Approx. Weight lbs. per 1,000 ft.	Ampacity (3) 40° C Ambient Temp.
	No. of Wires per Conductor			Size AWG	Minimum No. of Wires per Conductor				
1	259	7x37	260	5	133 7x19	265	2.95	5320	191
1/0	259	37x7	260	4	259 7x37	265	3.05	5840	218
2/0	259	37x7	260	3	259 7x37	280	3.20	6550	249
3/0	259	37x7	260	2	259 7x37	280	3.33	7250	286
4/0	259	37x7	260	1	259 7x37	295	3.50	8350	327

**(1 ) Jacket-** Black is standard. Colored jackets available on request. **Thermoplastic polyurethane (TPU) also available.**

**(2) Diameters-** Subject to plus 8% minus 5% tolerance.

**(3) Ampacity-** Based on continuous duty at 90°C conductor temperature. For other ampacity ratings under various conditions, see portable power cable ampacities table Inside Back Cover.

**1-800-945-5542**