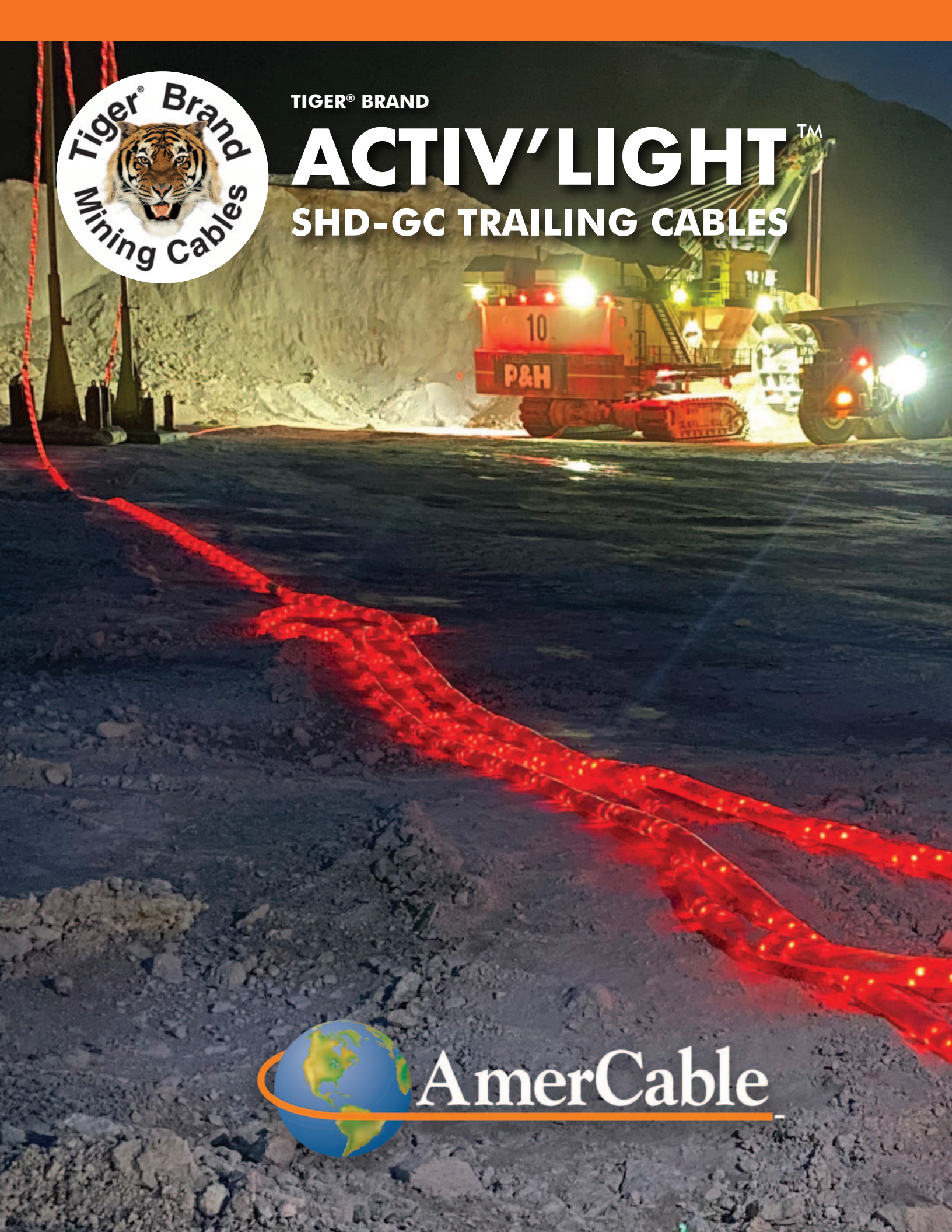




TIGER® BRAND

# ACTIV'LIGHT™

## SHD-GC TRAILING CABLES



AmerCable



# INDEX

36-502	ACTIV'LIGHT 2kV Type SHD-GC • TPU Jacket . . . . .	1
36-514	ACTIV'LIGHT 5kV Type SHD-GC • TPU Jacket . . . . .	1
36-518	ACTIV'LIGHT 8kV Type SHD-GC • TPU Jacket . . . . .	2-3
36-521	ACTIV'LIGHT 15kV Type SHD-GC • TPU Jacket . . . . .	2-3
36-526	ACTIV'LIGHT 25kV Type SHD-GC • TPU Jacket . . . . .	4

## ACTIV'LIGHT JACKET OVERVIEW

- ACTIV'LIGHT's clear TPU jacket is designed for extremely abrasive environments. Compared to Tiger® Brand CPE jackets, TPU offers:
  - **5X** more abrasion resistance
  - **2X** more tear resistance and tensile strength
  - Up to **8% less** jacket weight
- Heavy-duty high-voltage portable power cable for use in circuits not exceeding the rated voltage.
- Recommended maximum continuous conductor temperature 90°C.
- Available in 2kV - 25kV.



**Made in America**

Tiger® Brand is a registered trademark of AmerCable Incorporated





36-502/14

# ACTIV'LIGHT 2KV - 5KV • TYPE SHD-GC

### LED Assembly

Shielded single with energy harvesting tape for illumination, and fillers as required. White LED lights are standard.

### Fillers

### Assembly

Mylar taped core with clear TPU fillers

### Ground Wires (2)

Flexible tinned copper

### Ground Check Conductor

Flexible tinned copper with yellow polypropylene insulation

### Conductors (3)

- Flexible tinned copper
- Non-conducting tape
- Insulation: 90°C ethylene-propylene rubber (EPR)
- Separator tape
- Insulation shielding composed of tinned copper and color-coded nylon braid.

### Jacket<sup>1</sup>

Clear Thermoplastic Polyurethane (TPU) Jacket. Cable identification via permanent marking.

## APPLICATION

Heavy duty portable power cable for use in circuits not to exceed recommended voltage. Designed for applications such as shovels and powerfeeders where grounding conductors, a ground check conductor and metallic shielding are required.

ACTIV'LIGHT uses induced voltage to light up the cable during mining activity. This higher level of visibility helps prevent runovers and costly downtime.

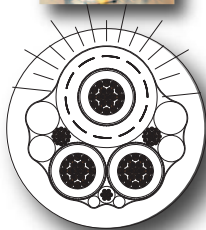
Recommended maximum continuous conductor temperature is 90°C.

Tiger® Brand cables meet or exceed ICEA Standard S-75-381/NEMA WC-58.

## RATINGS & APPROVALS

ACTIV'LIGHT LED lighting is an add-on to Tiger® Brand mining cables, which are compliant to:

- Mine Safety & Health Administration 184-MSHA
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381/NEMA WC-58. Design standard for mining cables.



Available in White (standard), Red, Green or Blue LEDs.

## 2000 VOLT

### 36-502 SHD-GC

36-502-	Power Conductors		Grounds	Jacket Thickness in.	Ground Check Conductor Size AWG	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity*
	Size AWG or kcmil	Insulation Thickness in.	Size AWG					
250Lights	250	.095	1/0	.235	6	2.800	5588	355
350Lights	350	.095	2/0	.265	6	3.130	7336	435
500Lights	500	.095	4/0	.280	6	3.445	9637	536

## 5000 VOLT

### 36-514 SHD-GC

36-514-	Power Conductors		Grounds	Jacket Thickness in.	Ground Check Conductor Size AWG	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity*
	Size AWG or kcmil	Insulation Thickness in.	Size AWG					
020Lights	2/0	.110	3	.235	8	2.575	4024	243
030Lights	3/0	.110	2	.235	8	2.725	4660	279
040Lights	4/0	.110	1	.250	6	2.875	5444	321
250Lights	250	.120	1/0	.250	6	2.983	6112	355
350Lights	350	.120	2/0	.265	6	3.328	7810	435
500Lights	500	.120	4/0	.280	6	3.603	10022	536

<sup>1</sup> All cables have clear TPU jacket. \*Ampacity – Based on continuous duty at 90°C conductor temperature and 40°C ambient.



36-518/21

# ACTIV'LIGHT 8KV - 15KV • TYPE SHD-GC



## Fillers

## LED Assembly

Shielded single with energy harvesting tape for illumination, and fillers as required. White LED lights are standard.

## Assembly

Mylar taped core with clear TPU fillers

## Ground Wires (2)

Flexible tinned copper

## Ground Check Conductor

Flexible tinned copper with yellow polypropylene insulation

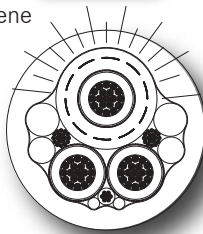


## Conductors (3)

- Flexible tinned copper
- Strand shield: semi-conducting layer
- Insulation: 90°C ethylene-propylene rubber (EPR)
- Insulation shielding: semi-conducting tape
- Tinned copper and color-coded nylon braid

## Jacket<sup>1</sup>

Clear Thermoplastic Polyurethane (TPU) Jacket. Cable identification via permanent marking.



Available in White (standard), Red, Green or Blue LEDs.

## APPLICATION

Heavy duty portable power cable for use in circuits not to exceed recommended voltage. Designed for applications such as shovels and powerfeeders where grounding conductors, a ground check conductor and metallic shielding are required.

ACTIV'LIGHT uses induced voltage to light up the cable during mining activity. This higher level of visibility helps prevent runovers and costly downtime.

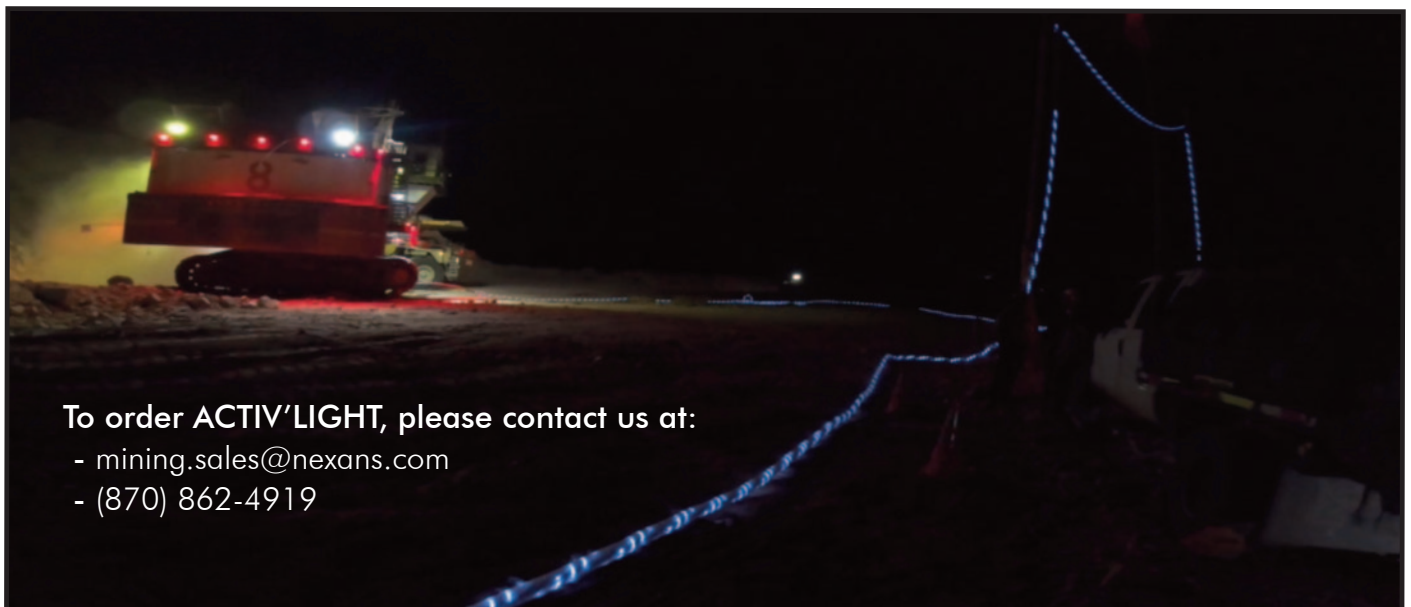
Recommended maximum continuous conductor temperature is 90°C.

Tiger® Brand cables meet or exceed ICEA Standard S-75-381/NEMA WC-58.

## RATINGS & APPROVALS

ACTIV'LIGHT LED lighting is an add-on to Tiger® Brand mining cables, which are compliant to:

- Mine Safety & Health Administration 184-MSHA
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381/NEMA WC-58. Design standard for mining cables.



To order ACTIV'LIGHT, please contact us at:

- [mining.sales@nexans.com](mailto:mining.sales@nexans.com)
- (870) 862-4919

**8000 VOLT**  
**36-518 SHD-GC**

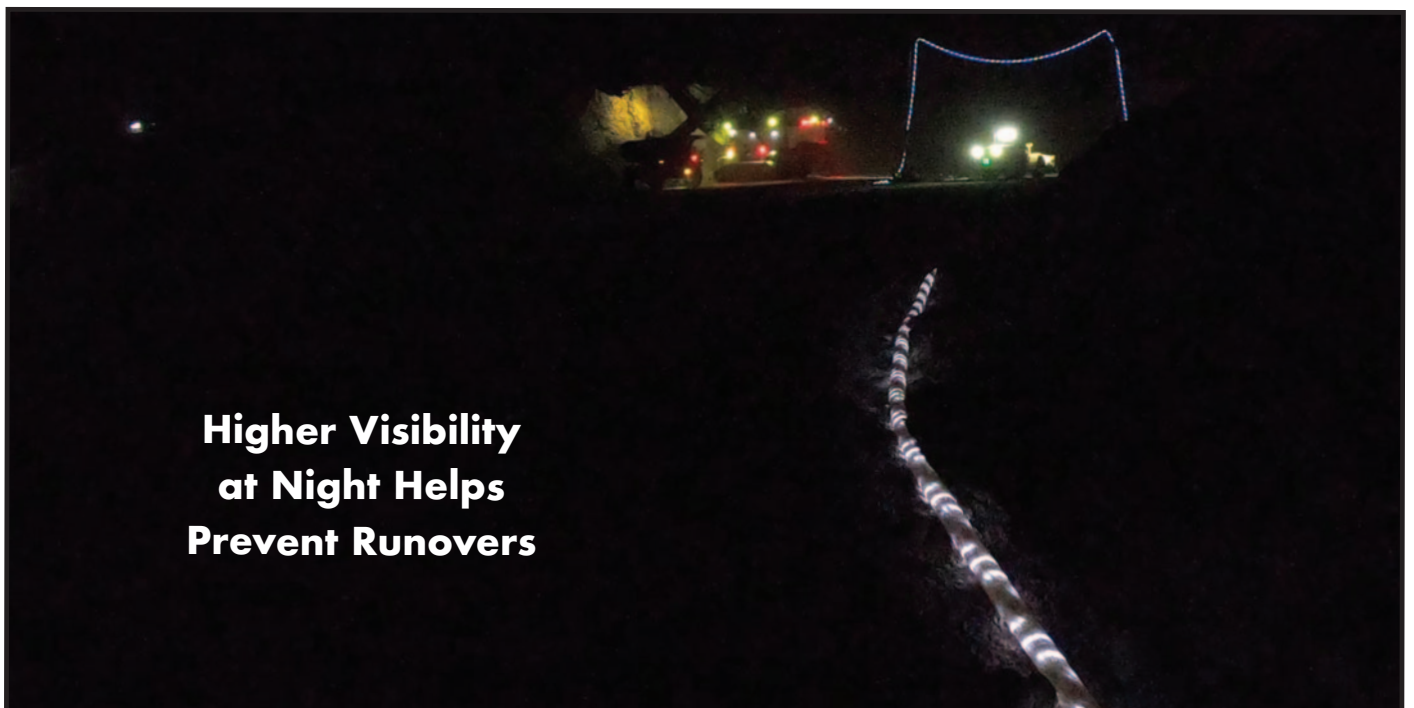
36-518-	Power Conductors		Grounds	Jacket Thickness in.	Ground Check Conductor Size AWG	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity*
	Size AWG or kcmil	Insulation Thickness in.	Size AWG					
020Lights	2/0	.150	3	.235	8	2.775	4324	243
030Lights	3/0	.150	2	.250	8	2.930	5077	279
040Lights	4/0	.150	1	.250	6	3.045	5748	321
250Lights	250	.150	1/0	.265	6	3.190	6596	355
350Lights	350	.150	2/0	.280	6	3.480	8258	435
500Lights	500	.150	4/0	.295	6	3.835	10791	536

**15000 VOLT**  
**36-521 SHD-GC**

36-521-	Power Conductors		Grounds	Jacket Thickness in.	Ground Check Conductor Size AWG	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity*
	Size AWG or kcmil	Insulation Thickness in.	Size AWG					
001Lights	1	.210	5	.250	8	2.860	4247	187
010Lights	1/0	.210	4	.250	8	2.975	4721	215
020Lights	2/0	.210	3	.250	8	3.010	4767	246
030Lights	3/0	.210	2	.265	8	3.230	5913	283
040Lights	4/0	.210	1	.265	6	3.405	6792	325
250Lights	250	.210	1/0	.280	6	3.530	7616	359
350Lights	350	.210	2/0	.295	6	3.775	9097	437
500Lights	500	.210	4/0	.295	6	4.040	11384	534

<sup>1</sup> All cables have clear TPU jacket.

\* Ampacity – Based on continuous duty at 90°C conductor temperature and 40°C ambient.



**Higher Visibility  
at Night Helps  
Prevent Runovers**



36-526

# ACTIV'LIGHT 25KV • TYPE SHD-GC



### Fillers

### LED Assembly

Shielded single with energy harvesting tape for illumination, and fillers as required. White LED lights are standard.

### Assembly

Mylar taped core with clear TPU fillers

### Ground Wires (2)

Flexible tinned copper

### Ground Check Conductor

Flexible tinned copper with yellow polypropylene insulation

### Conductors (3)

- Flexible tinned copper
- Strand shield: semi-conducting layer
- Insulation: 90°C ethylene-propylene rubber (EPR)
- Insulation shielding: semi-conducting rubber and semi-conducting tape
- Tinned copper and color-coded nylon braid

### Jacket<sup>1</sup>

Clear Thermoplastic Polyurethane (TPU) Jacket. Cable identification via permanent marking.

## APPLICATION

Heavy duty portable power cable for use in circuits not to exceed recommended voltage. Designed for applications such as shovels and powerfeeders where grounding conductors, a ground check conductor and metallic shielding are required.

ACTIV'LIGHT uses induced voltage to light up the cable during mining activity. This higher level of visibility helps prevent runovers and costly downtime.

Recommended maximum continuous conductor temperature is 90°C.

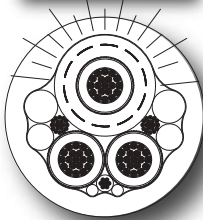
Tiger® Brand cables meet or exceed ICEA Standard S-75-381/NEMA WC-58.

## RATINGS & APPROVALS

ACTIV'LIGHT LED lighting is an add-on to Tiger® Brand mining cables, which are compliant to:

- Mine Safety & Health Administration 184-MSHA
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381/NEMA WC-58. Design standard for mining cables.

Available in White (standard), Red, Green or Blue LEDs.



## 25000 VOLT 36-521 SHD-GC

36-526-	Power Conductors		Grounds	Jacket Thickness in.	Ground Check Conductor Size AWG	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity*
	Size AWG or kcmil	Insulation Thickness in.	Size AWG					
001Lights	1	.260	5	.265	8	3.275	5167	191
010Lights	1/0	.260	4	.280	8	3.420	5739	218
020Lights	2/0	.260	3	.280	8	3.520	6312	249
030Lights	3/0	.260	2	.280	8	3.630	6901	286
040Lights	4/0	.260	1	.295	6	3.815	7856	327
250Lights	250	.260	1/0	.295	6	3.925	8564	360
350Lights	350	.260	2/0	.310	6	4.190	10297	439

<sup>1</sup> All cables have clear TPU jacket.

\*Ampacity – Based on continuous duty at 90°C conductor temperature and 40°C ambient.

## FACTORY INSTALLED CABLE ASSEMBLIES



- Lower Overall Cost
- Enhanced Reliability
- Reduced Installation Time

Your cable assembly, built to your exact specifications, arrives ready for immediate use. Reduced prep, handling and installation time and no need to maintain an expensive connector inventory.

## TRAINING, EDUCATION & SUPPORT



Our mine-experienced field engineers are available 24/7 for on-site evaluation and productivity solutions. They also conduct education and training sessions that address safety, splicing and cable handling practices.

***No other cable manufacturer offers this high level of value and solutions!***

TIGER® BRAND

# ACTIV'LIGHT

## SHD-GC TRAILING CABLES



*Since the electrification of mines, our company's core business has been powering mine equipment.*

Surface or underground – AmerCable has a cable productivity solution for you. Our innovatively engineered and manufactured Tiger® Brand cable line is designed for your toughest conditions.

ACTIV'LIGHT is the latest in a long line of cable innovations designed to enhance mine safety and productivity.

### OPERATING EXCELLENCE

- Best at On-Time delivery
- Strategically located inventories throughout the major mining regions
- ISO-9001 certified manufacturer



Made in America

FOLLOW US!



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