

# INSULATED LUGS

## TECHNICAL DATASHEET



**SNOWLITE®**

# About Us

Snowlite began its journey in 2006 with a vision to become the most trusted electrical brand in the world. Guided by this purpose, we have built a strong global footprint across 20+ countries in Europe, Africa and Asia over the past two decades.

Today, Snowlite has developed advanced manufacturing capabilities in India, Turkey, Malaysia and China. Our identity is shaped by three core commitments reflected in every product we create- innovation, quality and affordability.

At Snowlite, we serve residential, industrial and commercial sectors. Our ever-expanding product portfolio includes cables, lighting, tools, switching devices, control and automation equipment, ventilation systems, protection devices and accessories.

More than 3,000 retail partners and 100,000+ end users place their trust in our products thanks to our consistent focus on quality and support throughout the product's lifetime.

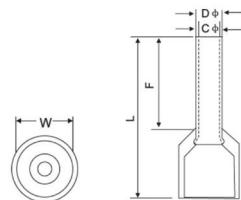
# Cord End Sleeves (Wire End)



Cord End Sleeves are designed to provide secure and reliable termination of stranded wires. They improve electrical conductivity, prevent wire fraying, and ensure neat and professional wiring in electrical installations.

## FEATURES

- Designed for safe termination of stranded conductors.
- Improves electrical contact and connection reliability.
- Prevents wire strand damage and fraying.
- Insulated sleeve for added safety and neat appearance.
- Easy crimping for quick installation.
- Suitable for electrical control panels and wiring applications.



## TECHNICAL DATA

Item Number	Dimension (mm)						( mm <sup>2</sup> )	Color	Description
	F	L	W	D φ	C φ	A.W.G			
CE 005008	8	14	2.5	1.3	1	#22	0.5	● Orange	Material : Copper Max Voltage : 105°C Ui = 300V
CE 007508	8	14.6	2.8	1.5	1.2	#20	0.75	● Blue	
CE 010008	8	14.6	3	1.7	1.4	#18	1	● Yellow / ● Red	
CE 015008	8	14.6	3.5	2	1.7	#16	1.5	● Red / ● Black	
CE 025008	8	15.2	4	2.6	2.3	#14	2.5	● Blue	
CE 040010	12	19.5	4.4	3.2	2.8	#12	4	● Gray	
CE 060012	12	20	6.3	3.9	3.5	#10	6	● Green	
CE 100012	12	21.5	7.6	4.9	4.5	#7	10	● Ivory	
CE 160012	12	22.2	8.8	6.2	5.8	#5	16	● Ivory	
CE 250016	16	29	11.2	7.9	7.5	#4	25	● Brown	
CE 350016	16	30	12.7	8.7	8.3	#2	35	● Red	
CE 500020	20	36	15.3	10.9	10.3	#1	50	● Red	

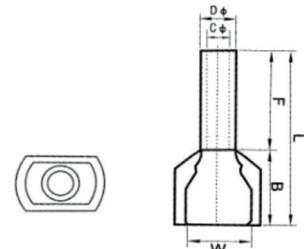
# Twin Cord End Sleeves



Twin Cord End Sleeves are designed for secure termination of two conductors into a single connection point. They ensure reliable electrical contact, prevent wire fraying, and provide a neat and organized wiring solution.

## Features:

- Designed to terminate two wires into one terminal.
- Ensures secure and reliable electrical connection.
- Prevents wire strand damage and fraying.
- Insulated sleeve for added safety and clean appearance.
- Easy crimping for quick and efficient installation.
- Suitable for electrical panels and control wiring applications.



## TECHNICAL DATA

Wire / Cable range size : mm <sup>2</sup>	Dimension (mm)						Color	Description
	F	L	W	B	D φ	C φ		
2 x 1	8	15.1	5.5	7.1	2.3	2	Yellow	Material : Copper Max Voltage : 105°C Ui = 300V
2 x 1.5	8	15.5	6.4	7.2	2.6	2.3	Red	
2 x 2.5	10	18.5	8	8.5	3.3	2.9	Blue	
2 x 4	12	23.1	8.8	11.1	4.2	3.8	Gray	

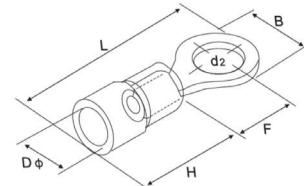
# Ring Terminal



Ring Terminals are designed to provide secure and stable electrical connections by fastening conductors to studs or screws. They ensure reliable conductivity, mechanical strength, and long lasting performance in electrical installations.

## Features:

- Ring shaped design for secure screw or stud mounting.
- Provides strong mechanical and electrical connection.
- Prevents accidental disconnection during vibration.
- Insulated sleeve for added safety and neat finish.
- Easy crimping for quick installation.
- Suitable for electrical industrial and control panel applications.



## TECHNICAL DATA

Item Number	American Screw Type	Dimension (mm)						Color	Description
		d2(mm)	B	L	F	H	D φ		
VR 1 - 4	#8	3.7	7.2	21.5	7	10	4.3	● Red	Material : Copper Applicable wire range 0.5 ~ 1.5mm <sup>2</sup> AWG 22 ~ 16 maximum current : I <sub>max</sub> = 19A
VR 1 - 5	#10	4.3	8	21.5	7			● Red	
VR 1 - 6	1 / 4	6.5	9.5	23	8			● Red	
VR 1 - 8	5 / 6	8.5	11.6	27.5	11.1			● Red	
VR 2 - 4	#8	4.3	6.6	21	7	10	4.9	● Blue	Material : Copper Applicable wire range 1.5 ~ 1.5mm <sup>2</sup> AWG 16 ~ 14 maximum current : I <sub>max</sub> = 27A
VR 2 - 5	#10	5.3	8.5	22.5	7.75			● Blue	
VR 2 - 6	1 / 4	6.5	9.5	22.5	7.25			● Blue	
VR 2 - 8	5 / 16	8.5	12	27.6	11			● Blue	
VR 2 - 10	3 / 8	10.5	13.6	30.2	13.9	12.5	6.7	● Blue	Material : Copper Applicable wire range 4 ~ 6mm <sup>2</sup> AWG 12 ~ 10 maximum current : I <sub>max</sub> = 48A
VR 5 - 5	#10	5.3	9.5	25.5	8.3			● Yellow	
VR 5 - 6	1 / 4	6.5	12	31.5	13			● Yellow	
VR 5 - 8	5 / 16	8.5	15	33.7	13.7			● Yellow	
VR 5 - 10	3 / 8	10.5	15	33.7	13.7			● Yellow	
VR 5 - 12	1 / 2	13	19.2	38.1	16			● Yellow	

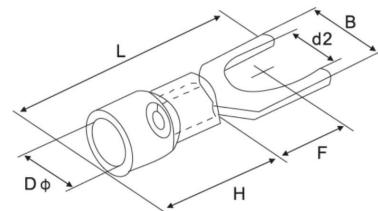
# Fork Terminal



Fork Terminals are designed for quick and secure electrical connections where frequent removal is required. Their open ended design allows easy installation under screw terminals while ensuring reliable conductivity.

## Features:

- Fork shaped open end design for easy connection and removal.
- Provides reliable electrical and mechanical contact.
- Allows installation without fully removing the screw.
- Insulated sleeve for added safety and clean appearance.
- Easy crimping for efficient installation.
- Suitable for electrical control panel and wiring applications.



## TECHNICAL DATA

Item Number	American Screw Type	Dimension (mm)						Color	Description
		d2(mm)	B	L	F	H	D φ		
VY 1 - 4S	#8	4.3	6.4	21.2	6.5	10	4.3	● Red	Material : Copper Applicable wire range 0.5 ~ 1.5mm <sup>2</sup> AWG 22 ~ 16 maximum current : I <sub>max</sub> = 19A
VY 1 - 6S	1 / 4	6.5	9.5	21.2	6.5			● Red	
VY 2 - 4S	#8	4.3	6.4	21.2	6.5	10	4.9	● Blue	Material : Copper Applicable wire range 1.5 ~ 2.5mm <sup>2</sup> AWG 16 ~ 14 maximum current : I <sub>max</sub> = 27A
VY 2 - 6S	1 / 4	6.5	12	27.2	11			● Blue	
VY 5 - 4S	#8	4.3	8.3	25.2	7.5	12.5	6.7	● Yellow	Material : Copper Applicable wire range 4 ~ 6mm <sup>2</sup> AWG 12 ~ 10 maximum current : I <sub>max</sub> = 48A
VY 5 - 6S	1 / 4	6.5	9	25.2	7.5			● Yellow	

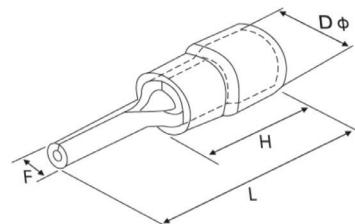
# Pin Terminal



Pin Terminals are designed for secure termination of stranded wires into terminal blocks and connectors. They ensure reliable electrical contact, prevent wire fraying, and provide a neat and professional wiring solution.

## Features:

- Pin type design for secure insertion into terminals.
- Ensures stable and reliable electrical connection.
- Prevents wire strand damage and fraying.
- Insulated sleeve for added safety and neat finish.
- Easy crimping for quick and efficient installation.
- Suitable for electrical panels and wiring applications.



## TECHNICAL DATA

Item Number	Dimension (mm)				Color	Description
	F	L	H	D φ		
VPT 1	1.9	22	10	4.3	● Red	Material : Copper Applicable wire range 0.5 ~ 1.5mm <sup>2</sup> AWG 22 ~ 16 maximum current : I <sub>max</sub> = 19A
VPT 2	1.9	22	10	4.9	● Blue	Material : Copper Applicable wire range 1.5 ~ 2.5mm <sup>2</sup> AWG 16 ~ 14 maximum current : I <sub>max</sub> = 27A
VPT 5	2.8	25.5	13	6.7	● Yellow	

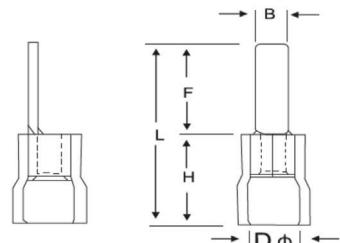
# Blade Terminal



Blade Terminals are designed for quick and reliable electrical connections, especially in applications requiring frequent connection and disconnection. They provide secure conductivity and ease of installation in various electrical systems.

## Features:

- Flat blade design for quick plug in connections.
- Ensures reliable electrical contact.
- Suitable for fast connection and disconnection.
- Insulated sleeve for added safety and clean appearance.
- Easy crimping for efficient installation.
- Suitable for electrical automotive and control panel applications.



## TECHNICAL DATA

Item Number	Dimension (mm)					Color	Description
	B	L	F	H	D φ		
VBL 1 - 18	2.2	28	18	10	4.3	● Red	Material : Copper Applicable wire range 0.5 ~ 1.5mm <sup>2</sup> AWG 22 ~ 16 maximum current : I <sub>max</sub> = 19A
VBL 2 - 18	2.2	28	18	10	4.9	● Blue	Material : Copper Applicable wire range 1.5 ~ 2.5mm <sup>2</sup> AWG 16 ~ 14 maximum current : I <sub>max</sub> = 27A
VBL 5.5 - 18	4.5	30.5	18	13	7.2	● Yellow	Material : Copper Applicable wire range 4 ~ 6mm <sup>2</sup> AWG 12 ~ 10 maximum current : I <sub>max</sub> = 48A

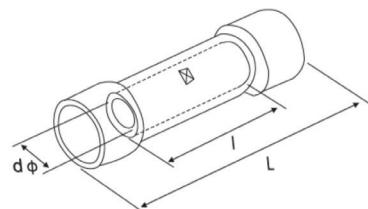
# Butt Connector



Butt Connectors are designed to join two electrical wires end to end, providing a secure and reliable connection. They ensure proper conductivity, prevent wire damage, and maintain a neat wiring layout.

## Features:

- Designed for end to end wire joining.
- Provides secure and reliable electrical connection.
- Ensures consistent conductivity between conductors.
- Insulated body for added safety and protection.
- Easy crimping for quick installation.
- Suitable for electrical automotive and wiring applications.



## TECHNICAL DATA

Item Number	American Wire Range	Thickness mm <sup>2</sup>	Dimension (mm)			Ampere Rating	Color
			I	d φ	L		
VBS 1	22 - 16	0.5 - 1.5	15	1.7	26	19 A	● Red
VBS 2	16 - 14	1.5 - 2.5	15	2.3	26	27 A	● Blue
VBS 5	12 - 10	4 - 6	15	3.4	26	48 A	● Yellow

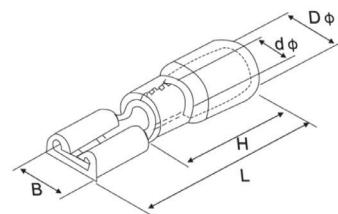
# Female Connector



Female Connectors are designed to provide secure and reliable electrical connections with male terminals. They allow easy connection and disconnection while ensuring stable conductivity in various electrical applications.

## Features:

- Designed to mate securely with male connectors.
- Ensures reliable electrical contact and conductivity.
- Allows quick connection and disconnection.
- Insulated sleeve for added safety and clean finish.
- Easy crimping for efficient installation.
- Suitable for electrical automotive and control panel applications.



## TECHNICAL DATA

Item Number	Name Tab (mm)	Thickness	Dimension (mm)					Color	Description
			B	Dφ	dφ	L	H		
VD 1 - 6.3F	0.8 x 6.35	0.4	7.4	3.8	1.7	21	10	● Red	Material : Brass Applicable wire range 0.5 ~ 1.5mm <sup>2</sup> AWG 22 ~ 16 maximum current : I <sub>max</sub> = 19A
VD 2 - 6.3F	0.8 x 6.35	0.4	7.4	4.3	2.3	21	10	● Blue	Material : Brass Applicable wire range 1.5 ~ 2.5mm <sup>2</sup> AWG 16 ~ 14 maximum current : I <sub>max</sub> = 15A
VD 5 - 6.3F	0.8 x 6.35	0.4	7.4	3.4	5.7	25	14	● Yellow	Material : Brass Applicable wire range 4 ~ 6mm <sup>2</sup> AWG 12 ~ 10 maximum current : I <sub>max</sub> = 24A

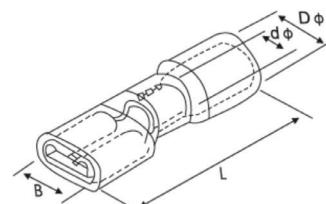
# Fully Insulated Female Connector



The Fully Insulated Female Connector is designed to provide safe and reliable electrical connections with enhanced insulation. It ensures secure mating with male terminals while offering added protection against accidental contact.

## Features:

- Fully insulated design for improved electrical safety.
- Provides secure connection with male terminals.
- Ensures stable and reliable electrical conductivity.
- Allows easy connection and disconnection.
- Durable insulation for long term use.
- Suitable for electrical automotive and control panel applications.



## TECHNICAL DATA

Item Number	Name Tab (mm)	Dimension (mm)				Color	Description
		B	D φ	d φ	L		
LVD 1 - 6.3F	0.8 x 6.35	6.6	4	1.7	24	● Red	Material : Brass Applicable wire range 0.5 ~ 1.5mm <sup>2</sup> AWG 22 ~ 16 maximum current : Imax = 10A
LVD 2 - 6.3F	0.8 x 6.35	6.6	4.5	2.3	24	● Blue	Material : Brass Applicable wire range 1.5 ~ 2.5mm <sup>2</sup> AWG 16 ~ 14 maximum current : Imax = 15A
LVD 5 - 6.8F	0.8 x 6.35	6.6	5.7	3.4	24	● Yellow	Material : Brass Applicable wire range 4 ~ 6mm <sup>2</sup> AWG 12 ~ 10 maximum current : Imax = 24A

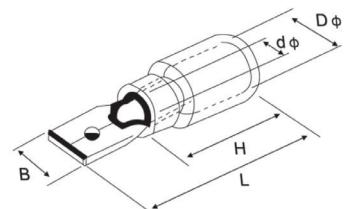
# Male Disconnector



The Male Disconnector is designed for quick and secure electrical connections where frequent disconnection is required. It ensures reliable conductivity and easy operation in various electrical applications.

## Features:

- Designed for fast and secure plug in connections.
- Provides stable and reliable electrical contact.
- Allows easy connection and disconnection.
- Insulated sleeve for added safety and neat finish.
- Easy crimping for efficient installation.
- Suitable for electrical automotive and control panel applications.



## TECHNICAL DATA

Item Number	Name Tab (mm)	Thickness	Dimension (mm)					Color	Description
			B	Dφ	dφ	L	H		
VD 1 - 6.3M	0.8 x 6.35	0.4 x 2	6.35	1.7	4.3	21	10	● Red	Material : Brass Applicable wire range 0.5 ~ 1.5mm <sup>2</sup> AWG 22 ~ 16 maximum current : I <sub>max</sub> = 10A
VD 2 - 6.3F	0.8 x 6.35	0.4 x 2	6.35	2.3	4.3	21	10	● Blue	Material : Brass Applicable wire range 1.5 ~ 2.5mm <sup>2</sup> AWG 16 ~ 14 maximum current : I <sub>max</sub> = 15A
VD 5 - 6.3F	0.8 x 6.35	0.4 x 2	6.35	3.4	5.7	25	13	● Yellow	Material : Brass Applicable wire range 1.5 ~ 1.5mm <sup>2</sup> AWG 16 ~ 14 maximum current : I <sub>max</sub> = 15A

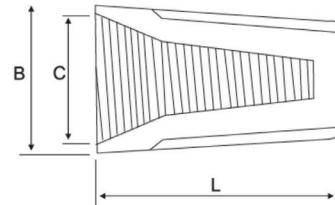
# Wire Connector



Wire Connectors are designed to securely join electrical wires, ensuring safe and reliable connections. They provide consistent conductivity, protect against loose joints, and help maintain organized wiring in electrical installations.

## Features:

- Designed for secure joining of electrical wires.
- Ensures reliable electrical conductivity.
- Provides firm and stable wire connection.
- Insulated body for added safety.
- Easy installation for quick wiring work.
- Suitable for electrical residential industrial and utility applications.



## TECHNICAL DATA

Item Number	Cable Range	Dimension (mm)			Color
		B	C	L	
VSPL 1	min 0.75x1+0.5x1 max 1.5x2	8.5	6.7	15	● Gray
VSPL 2	min 0.75x3 max 1.5x3	10.1	7.4	17.5	● Blue
VSPL 3	min 0.75x3 max 1.5x3+1x1	12.6	9.9	22.1	● Orange
VSPL 4	min 0.25x1+0.75x1 max 2.5x4+0.75x1	13.7	11	24.5	● Yellow