

Single Color 3528 Flexible LED Strips

Features

- Available in 2 Different Waterproof Ratings
Non-Waterproof (IP20)
Water Resistant (IP65)
- Available in 16.4 Ft. (5 Meter) Reels with Attached 2.1mm x 5.5mm DC Connector
- Adhesive Back, Peel & Stick
- Standard 16.4 Ft. (5 Meter) Reels can be cut to smaller lengths
- 2 Different LED Densities
300/Reel or 600/Reel (5 Meter Lengths)
- RoHS Compliant
- Very Bright and Low Power Consumption
- Dimmable to 6V DC
- Applications Include: Interior Lighting, Ceilings, Shelves, Cabinets, Showcases, Motor Homes, RV's, Boats and Aviation

Specifications

Viewing Angle: 120°

Voltage: 12V DC

Wattage per Reel:

300 LED Count: 24W

600 LED Count: 48W

Operating Temperature: -25° to +60°C

Storage Temperature: -40° to +80°C

Life Span: 50,000 hours min



Ordering Information

Non-Waterproof Types

NTE Type No.		LED Color	Luminous Intensity (per LED)	WL (nm) & CCT (K)
300 / Reel	600 / Reel			
69-V46R	69-V412R	Red	600 – 900mcd	620 – 630nm
69-V46B	69-V412B	Blue	300 – 500mcd	465 – 475nm
69-V46W	69-V412W	White	6 – 7lm	6000 – 7000K
69-V46WW	69-V412WW	Warm White	6 – 7lm	2800 – 3200K

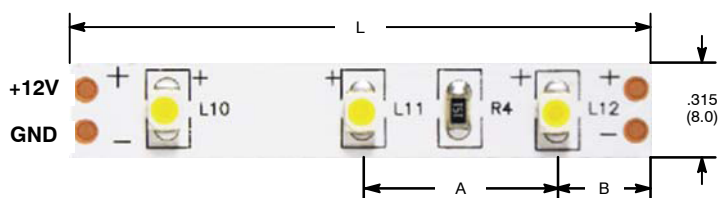
NOTE: LED strips should not be used in sealed environments or in areas where ambient temperatures are extremely hot.

Epoxy Water Resistant Types

NTE Type No.		LED Color	Luminous Intensity (per LED)	WL (nm) & CCT (K)
300 / Reel	600 / Reel			
69-V46R-WR	69-V412R-WR	Red	600 – 900mcd	620 – 630nm
69-V46B-WR	69-V412B-WR	Blue	600 – 900mcd	465 – 475nm
69-V46W-WR	69-V412W-WR	White	6 – 7lm	6000 – 7000K
69-V46WW-WR	69-V412WW-WR	Warm White	6 – 7lm	2800 – 3200K

NOTE: LED strips should not be used in sealed environments or in areas where ambient temperatures are extremely hot.

Dimensions



Density	L	A	B
300 LEDs	1.968 (50.0)	.657 (16.7)	.327 (8.3)
600 LEDs	.984 (25.0)	.315 (8.0)	.157 (4.0)

Single Color 3528 Size Flexible LED Strips

Power Supplies & Dimmers

NTE Type No.	Description
Power Supplies	
LEDTA-6	12V, 2A, 24W, 2.1mm x 5.5mm plug
69-D24	12V, 2A, 24W, 2.1mm x 5.5mm plug
69-D48	12V, 4A, 48W, 2.1mm x 5.5mm plug
Dimmers	
69-DIM1	RF, Remote Controlled, 12V, 8A, 96W for Single Color LED Strips. For use with up to four 24 watt or two 48 watt LED Strip(s). Contains 1 remote and 1 dimmer.
69-DIM2	Knob Operated Control, 12V, 8A, 96W for Single Color LED Strips. For use with up to four 24 watt or two 48 watt LED Strip(s).

Accessories

NTE Type No.	Description
Connectors	
69-A1	Female DC Connector with 5.75 inch leads, 5.5mm x 2.1mm for power supplies and remote receiver
69-A2	LED Connector with 5.75 inch leads – Add to cut strips
69-A5	LED Solid Color Connector – For joining strips
69-A8	Solid Color Connector
69-A9	Waterproof DC Connectors (Male and Female) for power supplies and remote receiver
69-A11	L Connector – For joining strips
69-A14	T Connector – For joining strips
69-A17	Female DC Connector with 2 ft. leads, 5.5mm x 2.1mm for power supplies and remote receiver
69-A18	Female DC Connector with 5 ft. leads, 5.5mm x 2.1mm for power supplies and remote receiver
69-A19	Female DC Connector with 10 ft. leads, 5.5mm x 2.1mm for power supplies and remote receiver
**69-A20	Single Color IP65 (WR) Strip Connector – For joining strips to AWG22–20 wire.
**69-A21	Single Color IP20 Strip Connector – For joining strips to AWG22–20 wire
**69-A22	Single Color IP65 (WR) Strip Connector – For joining strips
**69-A23	Single Color IP20 Strip Connector – For joining strips

NOTE: ** for 600 LED count only.