

6mm LED Neon Rope Light, Green, 12VDC, 8W/m, IP67, SMD2835, 5m Roll

OVERVIEW

The M-N6-12V-G is a 6mm silicone LED neon rope light emitting green light, designed for continuous-run signage, architectural accent lighting, and display installations. Constructed via integrated extrusion molding with food-grade silicone, it delivers a uniform, shadow-free light surface suitable for both indoor and outdoor environments.

The rope light operates at 12V DC and draws 40W per 5-meter roll, with an SMD2835 LM80-qualified light source rated at 120 chips per meter. The silicone housing carries an IP67 rating, providing full dust exclusion and protection against temporary water immersion. Resistance to saline solutions, acids, alkalis, corrosive gases, and UV exposure supports long-term outdoor deployment. Rated service life is 30,000 hours. Minimum bend radius is 60mm; power supply loading should not exceed 80% of rated capacity.

The product holds ETL, CE, and RoHS certifications. A 3-year warranty is included. Use only a 12V DC isolated power supply with ripple below 5%; RC voltage-reduction and non-isolated supplies are not compatible with this product.

SPECIFICATIONS

IP rating	IP67	Operating temp	-40 to 60 °C
Input voltage	12 V	CRI	80
Warranty	3 y	Dimensions	W6 x H12 mm
Rated life	30000 h	Weight	4.3 kg

DIMENSIONS

	(mm)			C	
M-N6-XX	6*12	33*33*11CM	4.3KG	3.5KG	50M/roll

CERTIFICATIONS & COMPLIANCE



RoHS



IP67