

6mm LED Neon Rope Light, 4000K, 12VDC, 8W/m, IP67, 20m Roll

OVERVIEW

The M-N6-12V-DW-20M is a 12VDC silicone LED neon rope light in a 6x12mm profile, designed for architectural accent lighting, signage backlighting, and contour illumination in commercial and industrial applications. The integrated extrusion-molded silicone construction provides uniform light distribution with no hot spots or shadows.

The light source is SMD2835, rated for a 30,000-hour service life. The food-grade silicone body carries an IP67 ingress protection rating and is resistant to saline solutions, acids, alkalis, corrosive gases, and UV exposure. Operating temperature range is -40°C to 60°C. A minimum bending radius of 60mm is required during installation. Power supply must be 12VDC isolated, with ripple below 5%; derate the supply to 80% capacity per manufacturer guidelines.

The product is ETL, CE, and RoHS certified. Manufacturer warranty is 3 years.

SPECIFICATIONS

IP rating	IP67	Rated life	30000 h
Input voltage	12 V	Operating temp	-40 to 60 °C
Warranty	3 y	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

IP67