

6mm LED Neon Rope Light, 12VDC, 8W/m, Orange, IP67 Silicone, 30m Roll

OVERVIEW

The M-N6-12V-OR-30M is a 6mm silicone LED neon rope light designed for architectural outlining, signage backlighting, cove lighting, and decorative accent applications in commercial and industrial environments. Constructed from food-grade silicone via integrated extrusion molding, it delivers uniform illumination without hot spots or shadows across a 30-meter roll.

The strip operates at 12VDC and consumes 8W per meter, with 120 SMD2835 chips per meter producing 450 lm/m. The IP67-rated silicone housing resists moisture, saline solutions, UV exposure, and corrosive atmospheres. Rated operating temperature spans -40°C to 60°C (-40°F to 140°F), and rated service life is 30,000 hours. Minimum bend radius is 60mm; a derated power supply load of 80% maximum is required.

The product carries ETL, CE, and RoHS certifications. A 3-year manufacturer warranty applies. Installation must use a 12VDC isolated constant-voltage power supply with ripple under 5%. Not rated for submerged applications such as swimming pools or fountains.

SPECIFICATIONS

IP rating	IP67	CRI	80
Input voltage	12 V	Power	240 W
Warranty	3 y	Dimensions	W6 x H12 mm
Rated life	30000 h	Weight	4.3 kg
Operating temp	-40 to 60 °C		

DIMENSIONS

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

CERTIFICATIONS & COMPLIANCE



RoHS



IP67