

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

OVERVIEW

The M-N6-12V-R is a 6x12mm silicone LED neon rope light delivering continuous red illumination in a 5-meter roll. Built on integrated extrusion molding technology with food-grade silicone, it is suited for architectural accent lighting, signage backlighting, cove lighting, and exterior outline applications where a uniform, shadow-free light surface is required.

The strip operates at 12VDC and draws 8W per meter (40W per roll) using SMD2835 LM80-qualified chips at a density of 120 chips per meter. IP67-rated construction provides resistance to moisture, saline solutions, UV exposure, and corrosive environments. Rated operating temperature spans -40°C to 60°C (-40°F to 140°F), and the light source is rated for 30,000 hours of service life. Minimum bend radius is 60mm; a derated power supply loaded to no more than 80% capacity is required.

The M-N6 Series carries ETL and RoHS certifications. A 12VDC isolated constant-voltage power supply with less than 5% ripple is required for proper operation. The product is backed by a 3-year manufacturer warranty.

SPECIFICATIONS

IP rating	IP67	CRI	80
Input voltage	12 V	Power	40 W/roll
Warranty	3 yr	Dimensions	W6 x H12 mm
Rated life	30000 hr	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