

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

OVERVIEW

The M-N6-12V-R-30M is a 6mm silicone LED neon rope light designed for architectural outlining, signage backlighting, and decorative accent applications in commercial and industrial environments. Running on 12VDC, it ships in 30-meter rolls and uses SMD2835 emitters in a W6xH12mm profile with integrated extrusion molding for a uniform, shadow-free light surface.

The strip operates at 5–6W per meter with 120 chips per meter at 20–22 lm per chip, delivering consistent red output at 620–630nm. Rated IP67, the food-grade silicone construction resists UV exposure, saline solutions, and corrosive atmospheres. Minimum bend radius is 60mm. Rated service life is 30,000 hours. Working temperature range is -40°C to 60°C.

The M-N6 Series carries ETL, CE, and RoHS certifications. Installation requires a 12VDC isolated constant-voltage power supply with less than 5% ripple; supply capacity should be derated to 80% of rated load. A 3-year manufacturer warranty applies. Not rated for submerged installations such as pools or fountains.

SPECIFICATIONS

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

DIMENSIONS

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

CERTIFICATIONS & COMPLIANCE



RoHS



IP67