

## The Flexible Alternative for Installations Where Code Requires Listed Cable



PC1214SEO  
UL SEOW

As the use of 6-circuit technology has increased, consultants and manufacturers specifying lighting systems for schools, performing arts centers and other facilities have begun to incorporate it into their designs. This process encouraged TMB's development of the Socapex compatible, UL-Recognized, ProSeries range of connectors.

The advantages this "soft distribution" brings to the facility include: simplicity of connecting and rearranging multiple circuits, compatibility with local rental equipment, increased system flexibility and portability. Electrical installations in these facilities are subject to inspection and some local authorities and consultants will only accept a cable that is UL-Listed, as opposed to Recognized. Conventional Listed cables that are available (typically Type SO) are heavy and stiff with a tendency to deteriorate when repeatedly hand-coiled.

To address the need for a Listed cable, TMB offers ProCable SEO: a very lightweight and flexible cable constructed for repeated hand-coiling. The state-of-the-art compounds used in this cable make it extremely durable, resistant to most chemicals, and suitable for outdoor use.

The full style designation is SEOW.

**Designed for the distribution of six 20 Amp lighting circuits in indoor or outdoor installations where extra hard usage cable is required.**

Specifications	
<b>Conductors</b>	Flexible Bare annealed copper, 65/30. As per ASTM B-3. 600 volt rated.
<b>Insulation</b>	Color-coded thermoplastic elastomer as per UL-62. Nominal wall thickness 0.050" +/- 0.01" (2.56mm +/- 0.25 mm).
<b>Assembly</b>	Cabled with fillers as necessary. Separator applied over assembled cores.
<b>Jacket</b>	Black oil resistant thermoplastic elastomer as per UL-62. Nominal wall thickness 0.10" +/- 0.01" (2.56 mm +/- 0.25 mm).
<b>Marking</b>	Pro-SEO-Oil Resistant 14 Conds 12 AWG 105C Dry and 60C Water Resistant Type SEO E179657 (UL) ES15537 TMB ProCable
<b>Temperature Rating</b>	Plus 105 deg C (221 deg F) Minus 50 deg C (-58 deg F)
<b>Physical</b>	Weight: 600 lbs./1000' (273 kg/km)
	Overall Diameter: 1.07" +/- 0.03" (27.43 mm +/- 0.77 mm)
<b>Electrical</b>	Ampacity/derating factors, as per NEC 2002 table 520.44

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