Pro Cables™

STAGE PIN EXTENSION **ASSEMBLIES**
ProPin® 20A

Description
Featuring ProPin 20A, 125V Stage Pin Male and Female connectors, extension assemblies are available with 12/3 and 14/3 SOOW and SJOOW cables. Also available with custom connector adapter configurations and molded "Y" cables.

Features
- ProPin Male and Female Stage Pin connectors standard.
- High heat-resistant, high-impact in low temperature, thermoplastic connector housings
- High-quality solid brass contacts. Floating design for easier universal mating.
- Tapered screws resist thread stripping
- Unique to TMB, our Pro Cables assemblies made in North America are cCSAus Listed for extra-hard or hard usage, fully compliant with NEC codes for use in stage, studio, and event applications
- Custom connector configurations available by special order including custom ProPin colors, printed heatshrink or other labeling, sash cord, and more

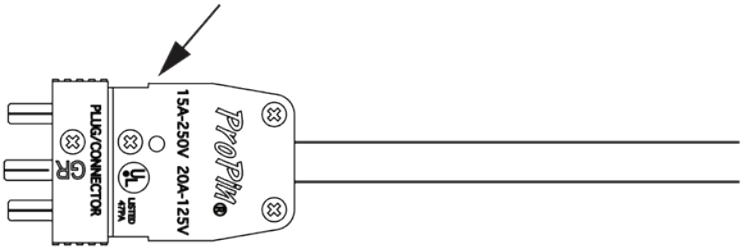
Applications
Connection of stage lighting fixture power in Theatre; Touring Theatre; Houses of Worship; Film and Television Production

Available Cables
12 AWG 3C Type SOOW Extra Hard Usage
14 AWG 3C Type SOOW Extra Hard Usage
16 AWG 3C Type SOOW Extra Hard Usage
12 AWG 3C Type SJOOW Hard Usage
14 AWG 3C Type SJOOW Hard Usage
16 AWG 3C Type SJOOW Hard Usage
White cable, with white connectors, available for all above, by custom order

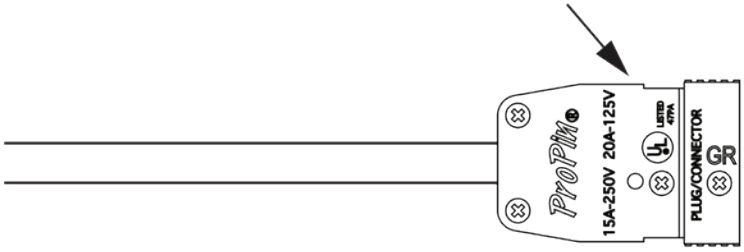
Available Connectors
ProPin® 20A, Set Screw type
ProPin® 20A, Crimp type
ProPin® 20A, All White, Set Screw type [special order]
ProPin® 20A, All White, Crimp type [special order]
Standard color, black. Custom colors, including all white, plus clear covers, available by special order.

Certifications
Unique to TMB

Connector Options—Male
ProPin® Stage Pin, Crimp
ProPin® Stage Pin, Set Screw



Connector Options—Female
ProPin® Stage Pin, Crimp
ProPin® Stage Pin, Set Screw



The First and Still the Best!
TMB Pro Cables – High-quality custom cable assemblies for the entertainment production and staging industry since 1983!
Over 60 highly skilled assembly technicians worldwide.
Well over 400 years combined experience!
Rigorous testing and quality control
Famous TMB Rush Service Normal!

MADE IN THE USA

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Specifications are subject to change without notice. This information supersedes all previously supplied information.

Type SOOW and SJOOW cables are widely-used, general-purpose portable power cables, available under various brands from various manufacturers. The Type SOOW and SJOOW cables used in TMB Pro Cables' assemblies are typically General™, Southwire™, or TF™ brand, although we may use other quality brands as circumstances dictate. SOOW Cables supplied by TMB Pro Cables are all UL Listed for extra-hard usage, and SJOOW Cables are all UL Listed for hard usage.

Type SOOW Cable

Extra heavy-duty portable (indoor/outdoor) 3-conductor, 600V, round cable, with black abrasion-, weather-, water-, and UV-resistant rubber jacket. Stranded bare copper conductors. Conductor color code: black, white, green. Temperature range: -40° to +90° C.
Assemblies CSA Listed for extra hard usage.

Part Number	Size	No. of Conductors	Stranding	Nom. Insulation Thickness		Nom. Overall Diameter		Approx. Weight	Current Max.*
	AWG		#/AWG	Inch	mm	Inch	mm	Lbs/1Kft	Amps
WSO123	12	3	65/30	0.045	1.14	0.6	15.1	223	25
WSO143	14	3	41/30	0.045	1.14	0.535	13.59	161	18
WSO163	16	3	26/30	0.030	0.76	0.39	10.1	90	13

Type SJOOW Cable

Heavy-duty portable (indoor/outdoor) 3-conductor, 300V round cable, with black abrasion-, weather-, water-, and UV-resistant rubber jacket. Stranded bare copper conductors. Conductor color code: black, white, green. Temperature range: -40° to +90° C.
Assemblies CSA Listed for hard usage.

Part Number	Size	No. of Conductors	Stranding	Nom. Insulation Thickness		Nom. Overall Diameter		Approx. Weight	Current Max.*
	AWG		#/AWG	Inch	mm	Inch	mm	Lbs/1Kft	Amps
WSJO123	12	3	65/30	0.030	0.76	0.43	10.9	131	25
WSJO143	14	3	41/30	0.030	0.76	0.36	9.2	88	18
WSJO163	16	3	26/30	0.030	0.76	0.33	8.4	66	13

* Ampacities based on NEC Table 400.5(A)(1). Green conductor for grounding only

C US

Unique to TMB: All standard North American Pro Cables power cable assemblies, including 6-circuit "Soca" assemblies, are CSA Listed for extra-hard, or hard, usage.

TMB offers the only assemblies fully certified as compliant with National Electrical Code Articles 520 and 530, for use in entertainment production and staging applications.

Extra Hard Usage – Pro Cables 6-circuit ProCable and Starcable assemblies, plus standard assemblies constructed with S Type cables are Listed for Extra Hard Usage. NEC Article 520 requires the use of Extra Hard Usage cables in Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas,and Similar Locations.

Hard Usage – Pro Cables standard assemblies constructed with SJ Type cables are Listed for Hard Usage. NEC Article 520 requires the use of Hard Usage cables in Motion Picture and Television Studios and Similar Locations.

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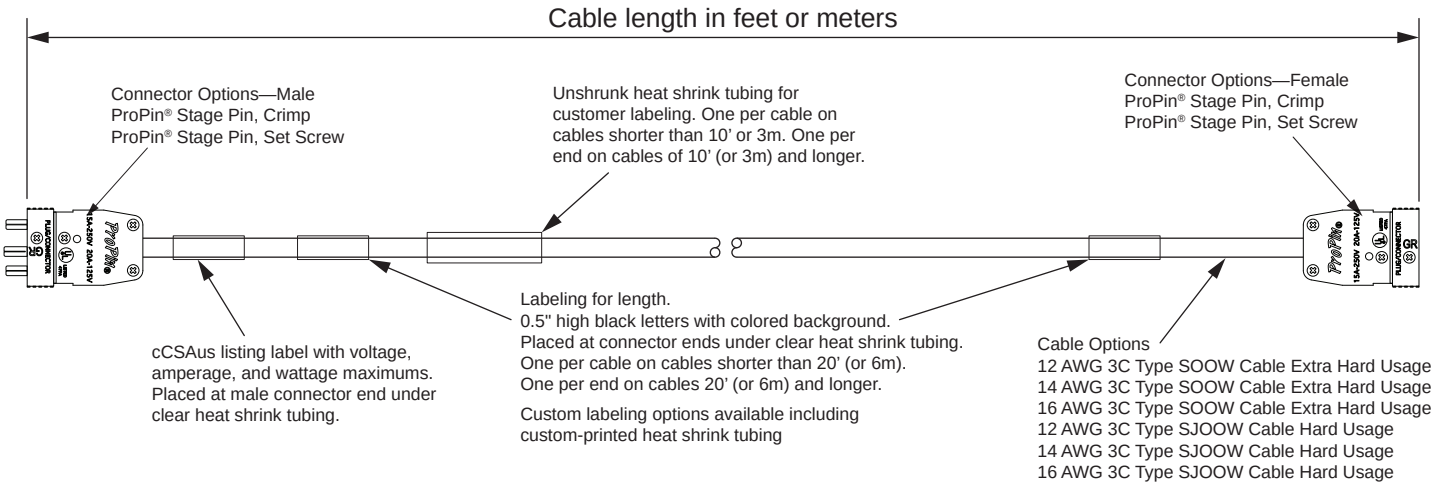


NOT TO SCALE

Example Code

Z	SJO123	SP	10	L

Z	Designates cable assembly

	Skip this section unless ordering custom labeling
L	Custom labeling per spec

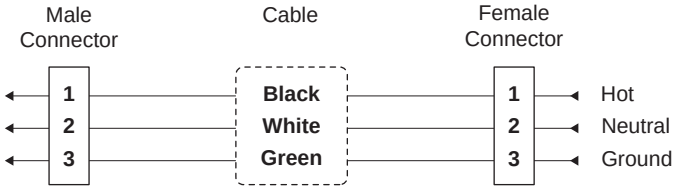
SO123	12 AWG 3C Type SOOW Cable Extra Hard Usage
SO143	14 AWG 3C Type SOOW Cable Extra Hard Usage
SO163	16 AWG 3C Type SOOW Cable Extra Hard Usage
SJO123	12 AWG 3C Type SJOOW Cable Hard Usage
SJO143	14 AWG 3C Type SJOOW Cable Hard Usage
SJO163	16 AWG 3C Type SJOOW Cable Hard Usage

White cable available by custom order

10	Length of cable in feet
10M	Length of cable in meters

SP	ProPin® Stage Pin Crimp Connectors
SS	ProPin® Stage Pin Set Screw Connectors

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

12 AWG - 20A, 250 VAC, 2-Pole, 3-Wire
14 AWG - 15A, 250 VAC, 2-Pole, 3-Wire
16 AWG - 10A, 250 VAC, 2-Pole, 3-Wire

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