Pro Cables™

EXTENSION **ASSEMBLIES**
PHENOLIC STAGE PIN

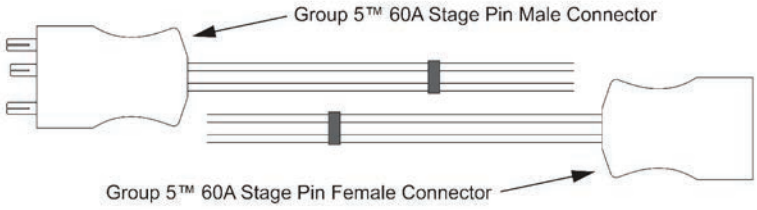
Description
Featuring Phenolic 60A and 100A, 120/250V Stage Pin connectors, extension assemblies are available with 6/3 SOOW or Banded type SC cables. Custom connector adapters also available.

Features
- High-temperature, high-impact phenolic connector housings.
- High-quality solid brass contacts
- 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.

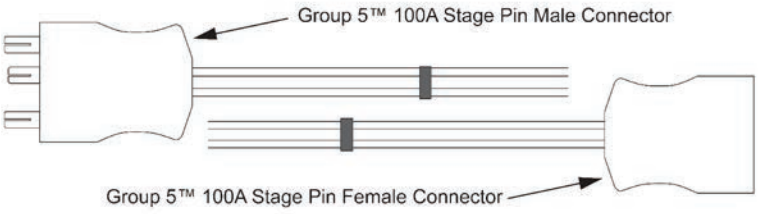
Applications
Theatre; Motion Pictures; Television

Available Cables
6 AWG 1-conductor Type SOOW
6 AWG 1-conductor Type SC
4 AWG 1-conductor Type SC

Available Connectors
Group 5™ 60A Stage Pin, Phenolic
Group 5™ 60A Stage Pin, Phenolic – Fused
Group 5™ 100A Stage Pin, Phenolic
Group 5™ 100A, 220V Stage Pin, Phenolic, Yellow – Fused
Group 5™ 100A, 250V Stage Pin, Phenolic



Certifications
Unique to TMB



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 SC cables are widely-used, general-purpose portable power cables, available under various brands from various manufacturers. The Type SOOW and SC 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 and SC cables supplied by TMB Pro Cables are all UL Listed for extra-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
WSO63	6	3	133/27	0.060	1.52	0.98	24.9	637	55

Type SC Cable

Extra heavy-duty portable (indoor/outdoor) 1-conductor, 600V, round cable, with black abrasion-, weather-, water-, oil-, and UV-resistant thermoset jacket. Stranded bare copper conductors. Temperature range: -50° to +105° C.
Assemblies CSA Listed for extra hard usage.

Size	Stranding	Nom. Jacket Thickness		Nom. Overall Diameter		Approx. Weight	Current Max.*
AWG	#/AWG	Inch	mm	Inch	mm	Lbs/1Kft	Amps
4	416/30	0.060	1.52	0.475	12.07	215	140
6	259/30	0.060	1.52	0.42	10.67	152	105

* Ampacities based on NEC Table 400.5(A)(1).

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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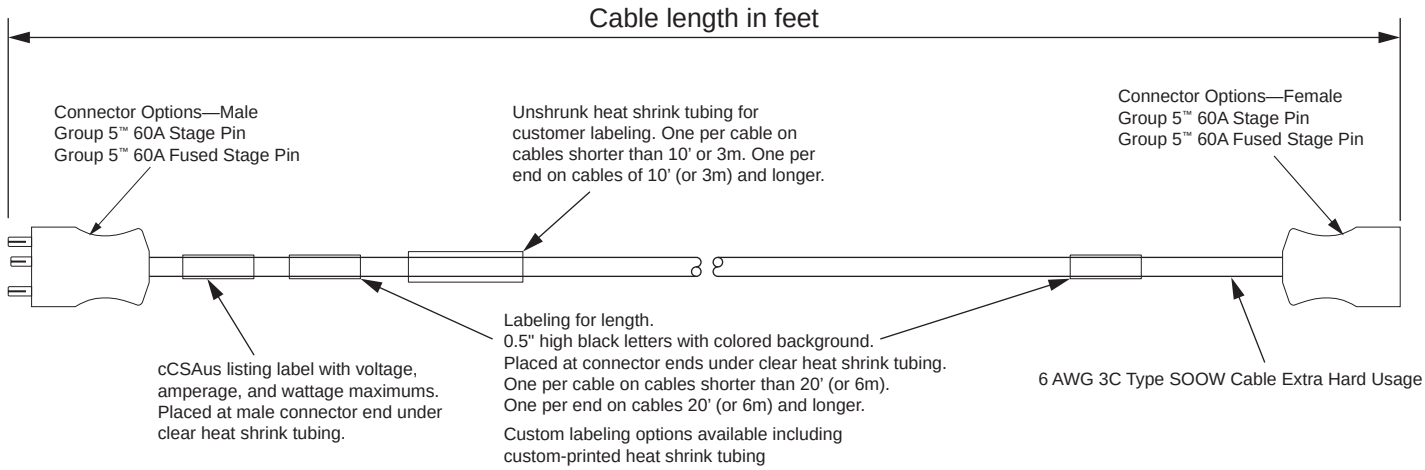


NOT TO SCALE

Example Code

Z	SO63	G6	25	L

Z	Designates cable assembly

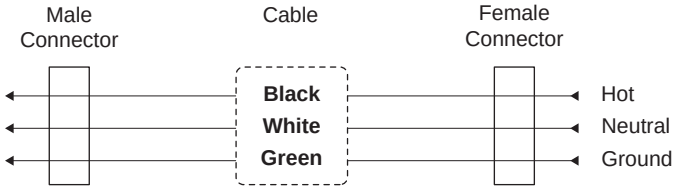
SO63	6 AWG 3C Type SOOW Cable Extra Hard Usage

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

25	Length of cable in feet

G6	Group 5 60A Stage Pin Connectors
G6F	Group 5 60A Stage Pin Connectors, Fused

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

6 AWG - 60A, 125 VAC, 2-Pole, 3-Wire

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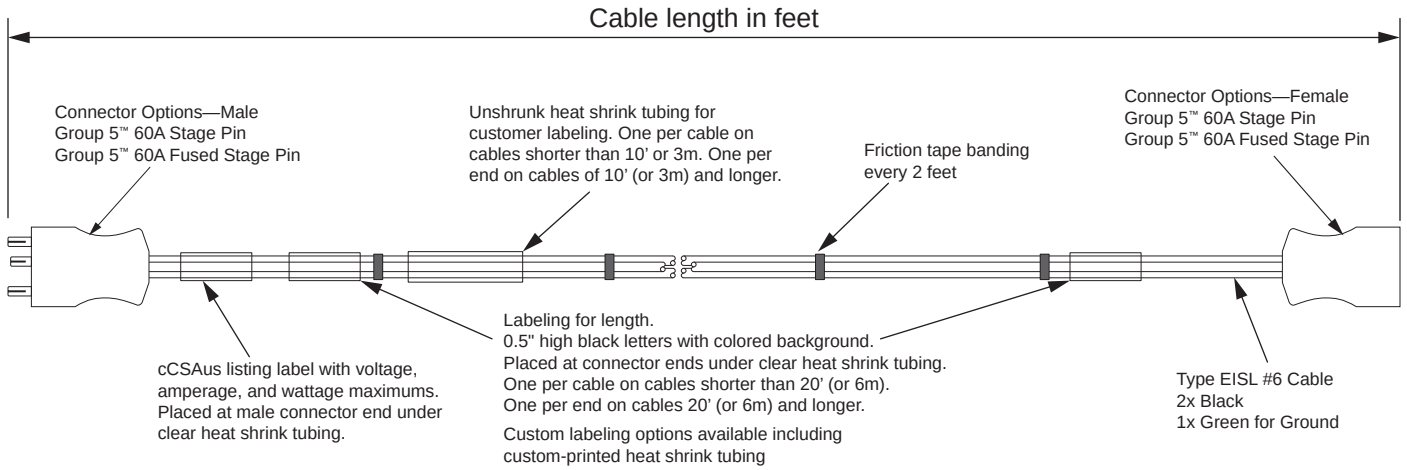
STAGE PIN EXTENSION **ASSEMBLIES**
BANDED 60A PHENOLIC



NOT TO SCALE

Example Code

Z	B36G	G6	25	L

Z	Designates cable assembly

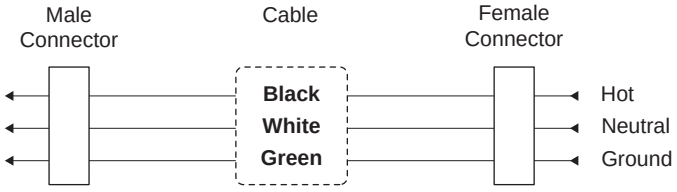
B36G	Banded 3x 6 AWG Type EISL Cable with Green Ground

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

25	Length of cable in feet

G6	Group 5 60A Stage Pin Connectors
G6F	Group 5 60A Stage Pin Connectors, Fused

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

6 AWG - 60A, 125 VAC, 2-Pole, 3-Wire

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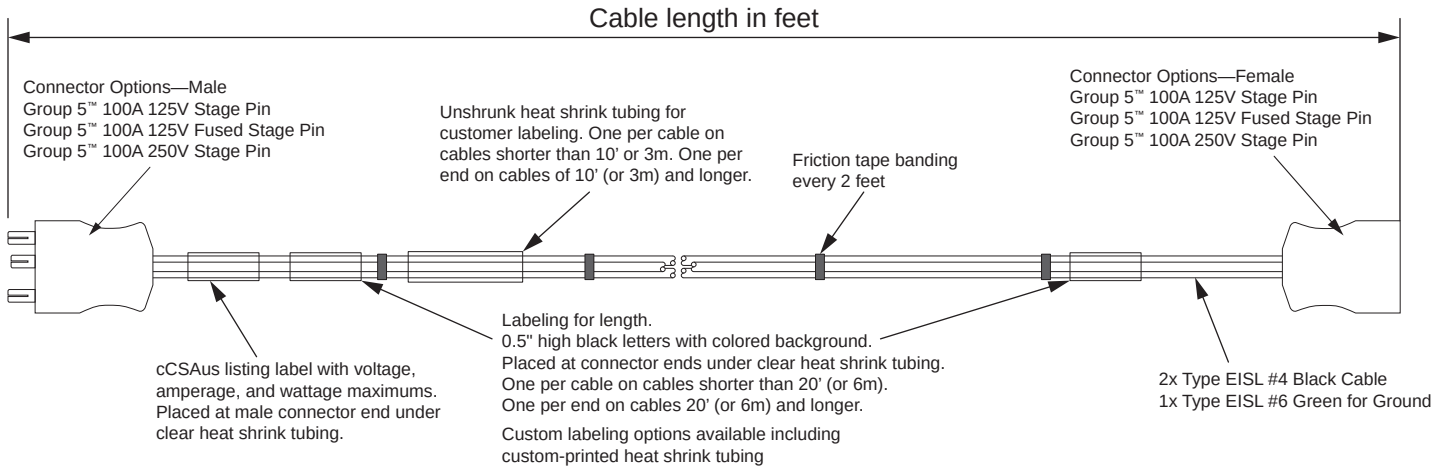
STAGE PIN EXTENSION **ASSEMBLIES**
BANDED 100A PHENOLIC



NOT TO SCALE

Example Code

Z	B34G	G10	25	L

Z	Designates cable assembly

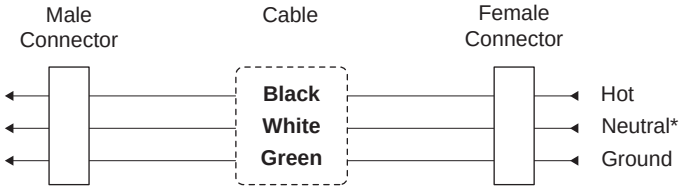
B34G	Banded 2x 4 AWG Type EISL Cable with 1x 6 AWG Green Ground

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

25	Length of cable in feet

G10	Group 5 100A 125V Stage Pin Connectors
G10F	Group 5 100A 125V Stage Pin Connectors, Fused
G210	Group 5 100A 250V Stage Pin Connectors

ELECTRICAL SCHEMATIC



* Neutral or 2nd Hot in 240V Systems

ELECTRICAL RATING

4 AWG with 125V connectors - 100A, 125 VAC, 2-Pole, 3-Wire
4 AWG with 250V connectors - 100A, 250 VAC, 2-Pole, 3-Wire

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