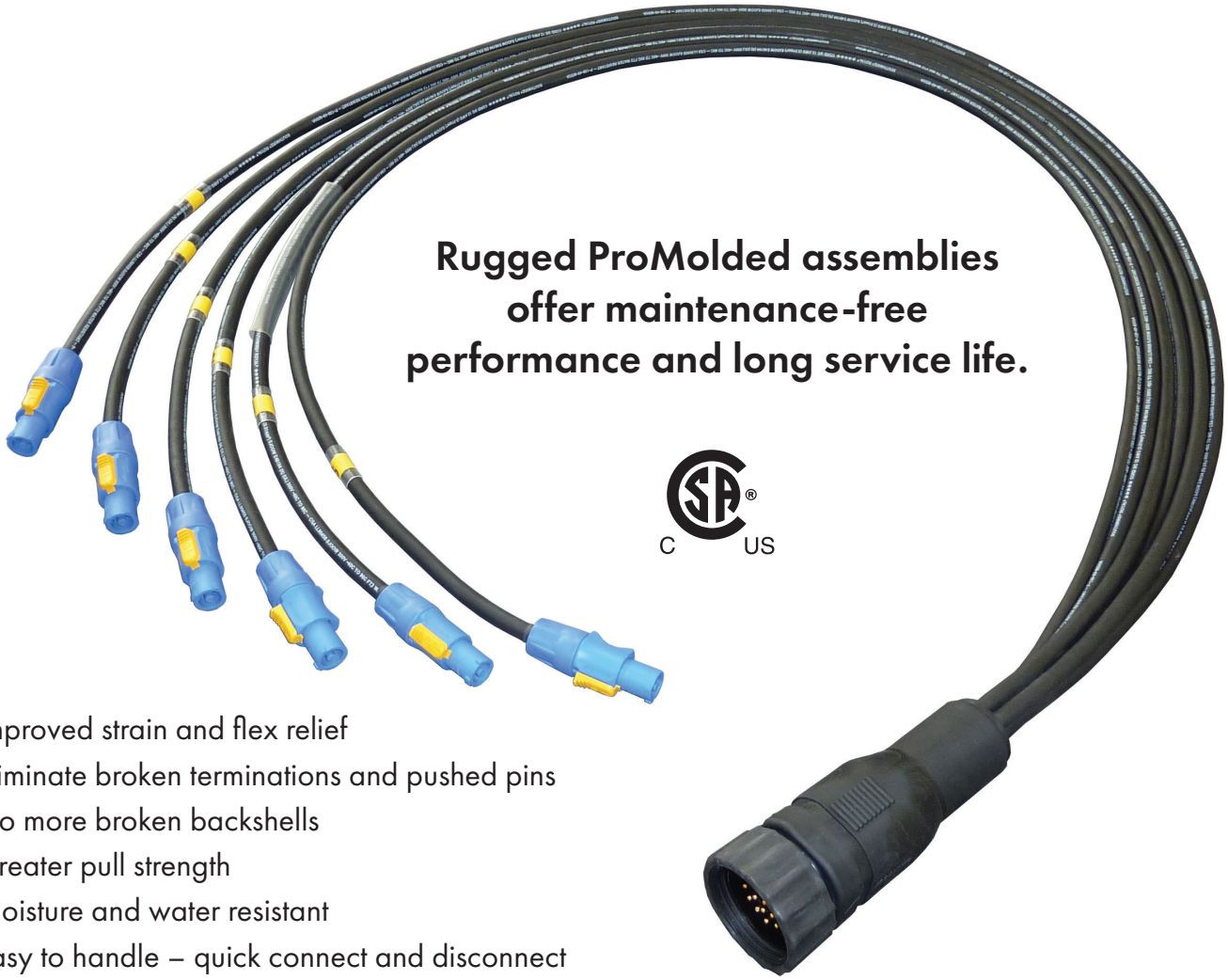
ProMolded™

MOLDED BREAK-IN/BREAK-OUT
6-CIRCUIT ASSEMBLIES

ProSeries and KC 19-pin Break-Outs available in overmold assemblies!



Rugged ProMolded assemblies offer maintenance-free performance and long service life.

C SA® US

- Improved strain and flex relief
- Eliminate broken terminations and pushed pins
- No more broken backshells
- Greater pull strength
- Moisture and water resistant
- Easy to handle – quick connect and disconnect
- Interfaces with all conventional 19-pin six-circuit connectors
- Industrial-strength durability – perfect for touring, studios, theaters and more
- Long-term reliability – excellent return on investment
- 10 year warranty!

ProSeries™ or KC

Components Inside

Overmold also available in red, green, blue, and white colors.

Worldwide Exclusive Distribution

Los Angeles +1 818.899.8818
London +44 (0)20.8574.9700
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tmb
tmbprocables.com
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sales@tmb.com

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

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 SA® 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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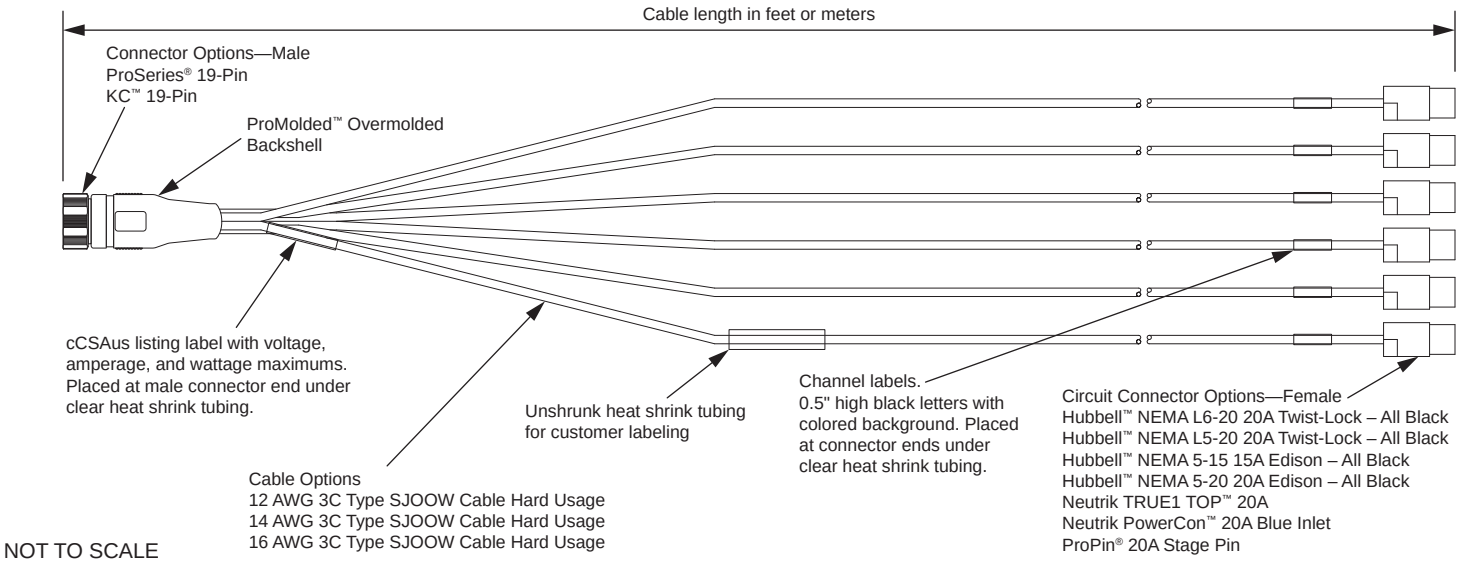
6-CIRCUIT ASSEMBLIES



NOT TO SCALE

Example Code

Z	BO6	4	PM	PB	ST	6

Z	Designates cable assembly

BO6	6-Circuit Break-out

	12 AWG 3C Type SJOOW Cable Hard Usage
4	14 AWG 3C Type SJOOW Cable Hard Usage
6	16 AWG 3C Type SJOOW Cable Hard Usage

PM	ProSeries® ProMolded™ Connector
KM	KC™ ProMolded™ Connector

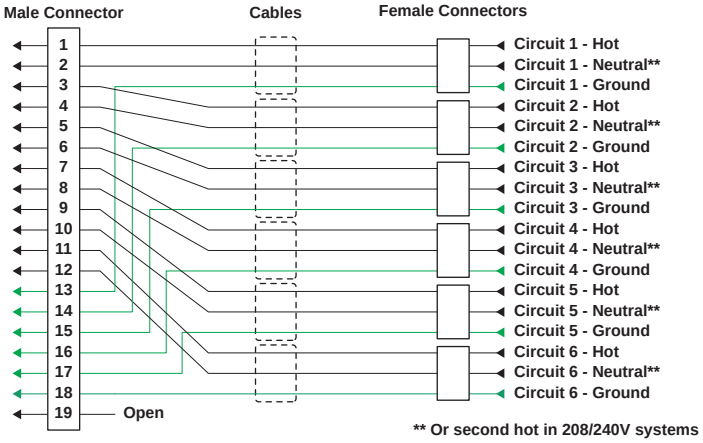
	All tails same length
ST	Staggered Tails

For staggered tails, the length is the longest end.
Staggered length spacing to be specified at time of order.

6	Length of cables in feet
1M	Length of cables in meters

L620	Hubbell™ NEMA L6-20 20A Twist-Lock Connectors
L520	Hubbell™ NEMA L5-20 20A Twist-Lock Connectors
PB	Hubbell™ NEMA 5-15 15A Edison Connectors
520	Hubbell™ NEMA 5-20 20A Edison Connectors
NAT	Neutrik TRUE1 TOP™ 20A Connectors
NAC	Neutrik PowerCon™ 20A Connectors
SP	ProPin® 20A Stage Pin Connectors

ELECTRICAL SCHEMATIC



** Or second hot in 208/240V systems

ELECTRICAL RATING

12 AWG with 5-20, L5-20, or Stage Pin connectors – 20A, 125 VAC Max*, 2-Pole, 3-Wire
12 AWG with L6-20, PowerCon, or True1 connectors – 20A, 250 VAC Max*, 2-Pole, 3-Wire
12 AWG with 5-15 connectors – 15A, 125 VAC Max*, 2-Pole, 3-Wire
14 AWG with 5-20, L5-20, or Stage Pin connectors – 15A, 125 VAC Max*, 2-Pole, 3-Wire
14 AWG with L6-20, PowerCon, or True1 connectors – 15A, 250 VAC Max*, 2-Pole, 3-Wire
16 AWG with 5-20, L5-20, or Stage Pin connectors – 10A, 125 VAC Max*, 2-Pole, 3-Wire
16 AWG with L6-20, PowerCon, or True1 connectors – 10A, 250 VAC Max*, 2-Pole, 3-Wire

* Maximum per NEC Table 520-44 (50% diversity of load and maximum rating of overcurrent device)

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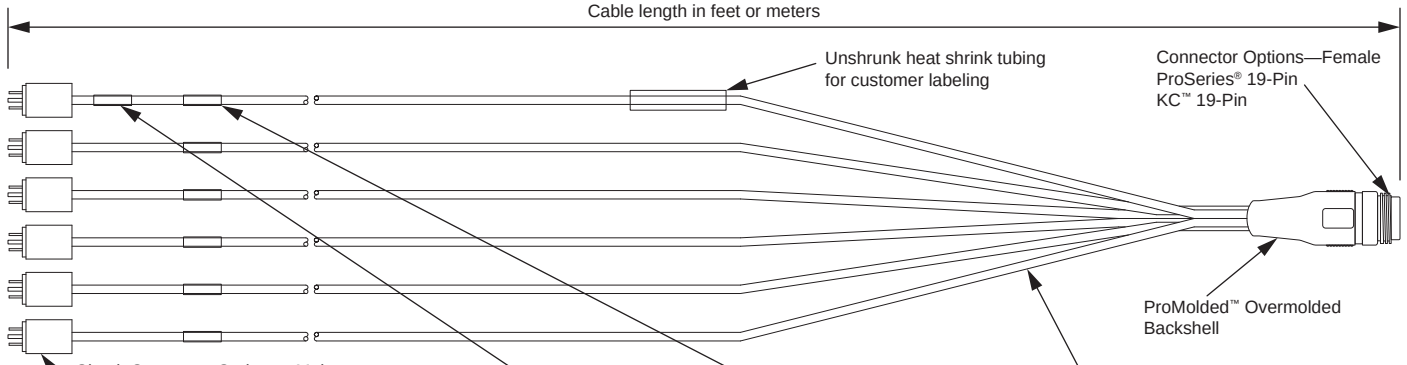

NOT TO SCALE

Example Code

Z	BI6	4	PM	PB	ST	6

Z	Designates cable assembly

BI6	6-Circuit Break-in

	12 AWG 3C Type SJOOW Cable Hard Usage
4	14 AWG 3C Type SJOOW Cable Hard Usage
6	16 AWG 3C Type SJOOW Cable Hard Usage

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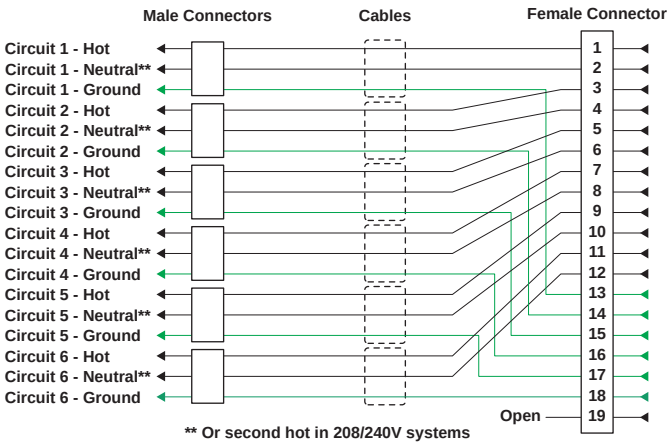

** Or second hot in 208/240V systems

ELECTRICAL RATING

12 AWG with 5-20, L5-20, or Stage Pin connectors – 20A, 125 VAC Max*, 2-Pole, 3-Wire
12 AWG with L6-20, PowerCon, or True1 connectors – 20A, 250 VAC Max*, 2-Pole, 3-Wire
12 AWG with 5-15 connectors – 15A, 125 VAC Max*, 2-Pole, 3-Wire
14 AWG with 5-20, L5-20, or Stage Pin connectors – 15A, 125 VAC Max*, 2-Pole, 3-Wire
14 AWG with L6-20, PowerCon, or True1 connectors – 15A, 250 VAC Max*, 2-Pole, 3-Wire
16 AWG with 5-20, L5-20, or Stage Pin connectors – 10A, 125 VAC Max*, 2-Pole, 3-Wire
16 AWG with L6-20, PowerCon, or True1 connectors – 10A, 250 VAC Max*, 2-Pole, 3-Wire

* Maximum per NEC Table 520-44 (50% diversity of load and maximum rating of overcurrent device)

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