Pro Cables™

MOLDED SPLITTER **ASSEMBLIES**
Y and W

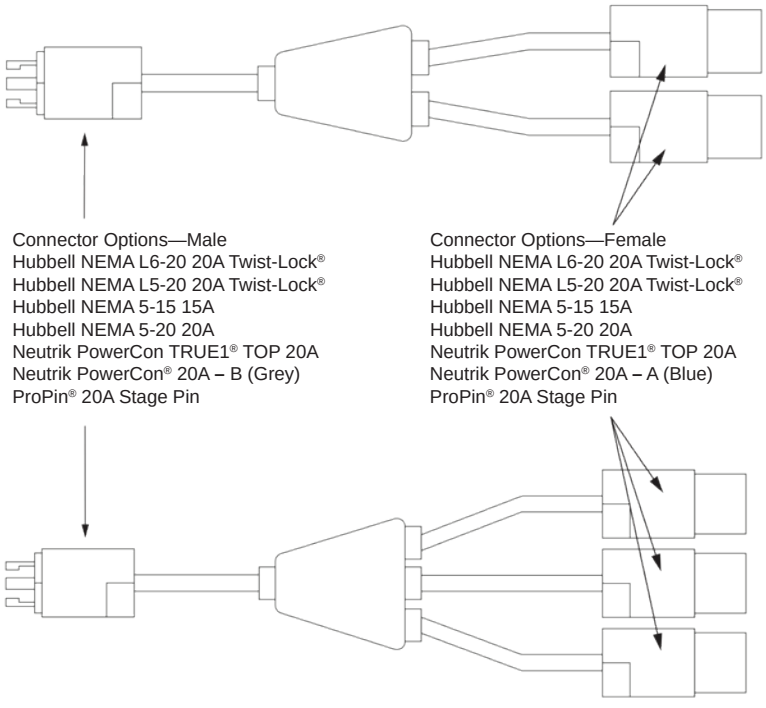
Description
Rugged, dependable, and highest quality Pro Cables Molded Y and W Splitter Assemblies feature the attention to detail that puts them in a class of their own. All TMB power assemblies built in North America are fully listed, compliant with NEC Articles 520 and 530, for use in entertainment production and staging applications.

Features
- Rugged construction for long life and durability
- 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 labels available for personalization and security. Standard and custom configurations available.

Applications
Theatre; Motion Picture and Television Production; Stage, Set, or Studio Lighting applications; Industrial

Available Y Cables
Molded 12/3 – 12 AWG 3C Type SOOW Extra Hard Usage
Molded 12/3 – 12 AWG 3C Type SJOOW Hard Usage

Available W Cables
Molded 12/3 – 12 AWG 3C Type SOOW Extra Hard Usage
Molded 12/3 – 12 AWG 3C Type SJOOW Hard Usage



Connector Options—Male
Hubbell NEMA L6-20 20A Twist-Lock®
Hubbell NEMA L5-20 20A Twist-Lock®
Hubbell NEMA 5-15 15A
Hubbell NEMA 5-20 20A
Neutrik PowerCon TRUE1® TOP 20A
Neutrik PowerCon® 20A – B (Grey)
ProPin® 20A Stage Pin

Connector Options—Female
Hubbell NEMA L6-20 20A Twist-Lock®
Hubbell NEMA L5-20 20A Twist-Lock®
Hubbell NEMA 5-15 15A
Hubbell NEMA 5-20 20A
Neutrik PowerCon TRUE1® TOP 20A
Neutrik PowerCon® 20A – A (Blue)
ProPin® 20A Stage Pin

Available Connectors
Hubbell™ NEMA L6-20 20A Twist-Lock
Hubbell™ NEMA L5-20 20A Twist-Lock
Hubbell™ NEMA 5-15 15A
Hubbell™ NEMA 5-20 20A
Neutrik PowerCon™ TRUE1 TOP 20A
Neutrik PowerCon™ 20A / A (Blue) and B (Grey)
ProPin® 20A Stage Pin

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 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

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

* 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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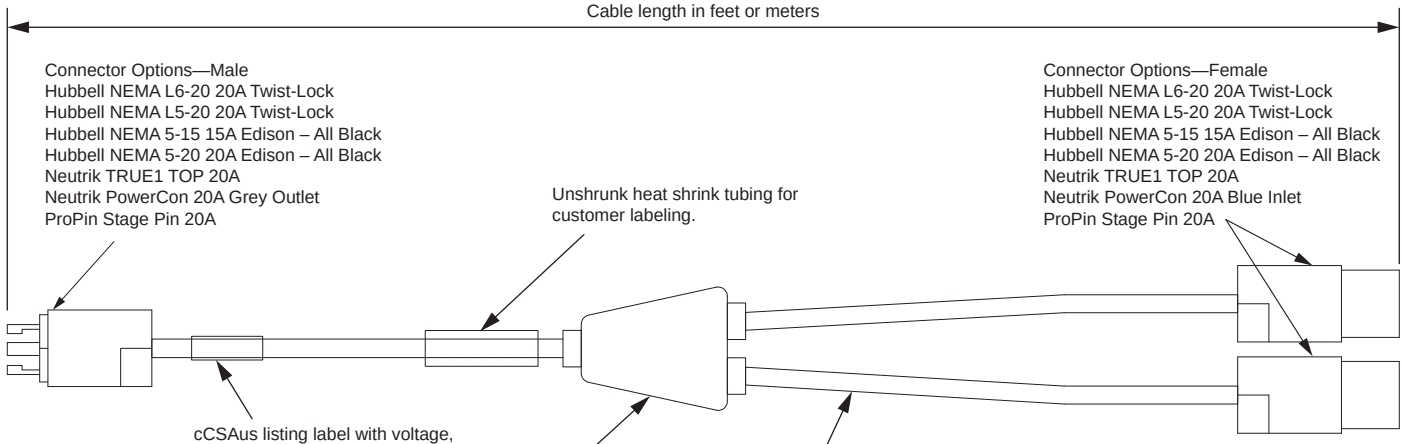
MOLDED "Y" TWOFER **ASSEMBLIES**



NOT TO SCALE

Example Code

Z	MY123	L620	3	L

Z	Designates cable assembly

MY123	Molded 12 AWG 3C Type SOOW Cable Extra Hard Usage
MY123J	Molded 12 AWG 3C Type SJOOW Cable Hard Usage

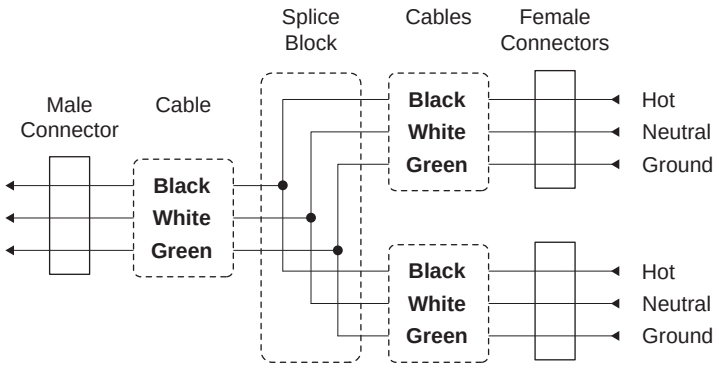
10	Length of cable in feet
10M	Length of cable in meters

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

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

Custom connector combinations available by special order

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

L6-20 connectors - 20A, 250 VAC, 2-Pole, 3-Wire
L5-20 connectors - 20A, 125 VAC, 2-Pole, 3-Wire
5-15 connectors - 15A, 125 VAC, 2-Pole, 3-Wire
5-20 connectors - 20A, 125 VAC, 2-Pole, 3-Wire
TRUE1 connectors - 20A, 250 VAC, 2-Pole, 3-Wire
PowerCon connectors - 20A, 250 VAC, 2-Pole, 3-Wire
Stage Pin connectors - 20A, 125 VAC, 2-Pole, 3-Wire

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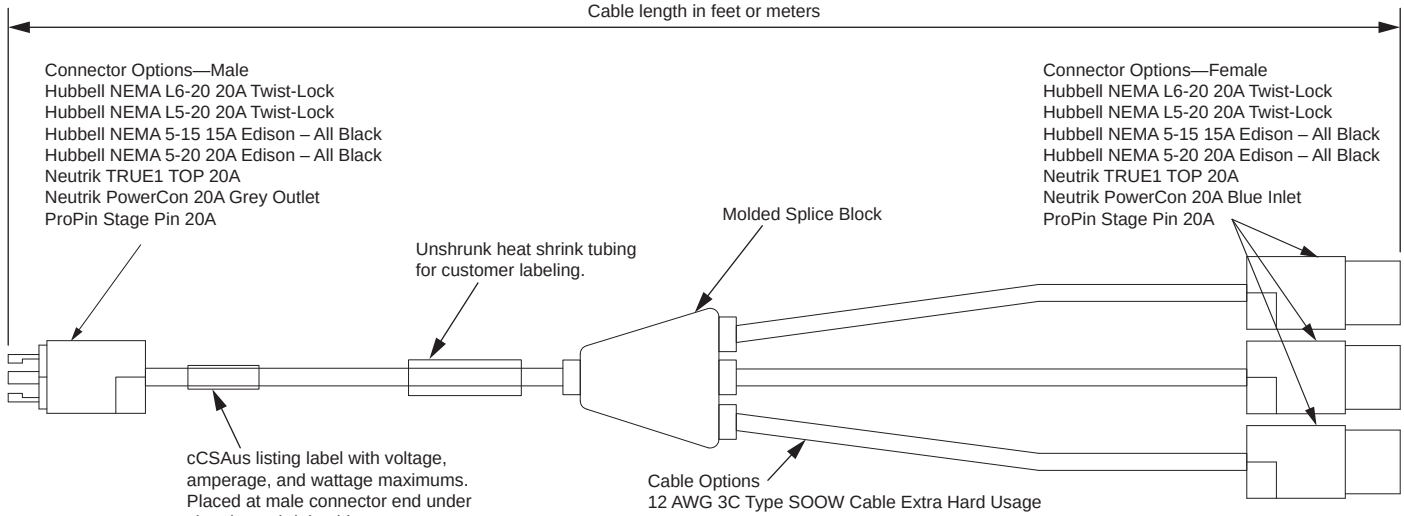
MOLDED "W" THREEFER **ASSEMBLIES**



NOT TO SCALE

Example Code

Z	MW123	L620	3	L

Z	Designates cable assembly

MW123	Molded 12 AWG 3C Type SOOW Cable Extra Hard Usage
MW123J	Molded 12 AWG 3C Type SJOOW Cable Hard Usage

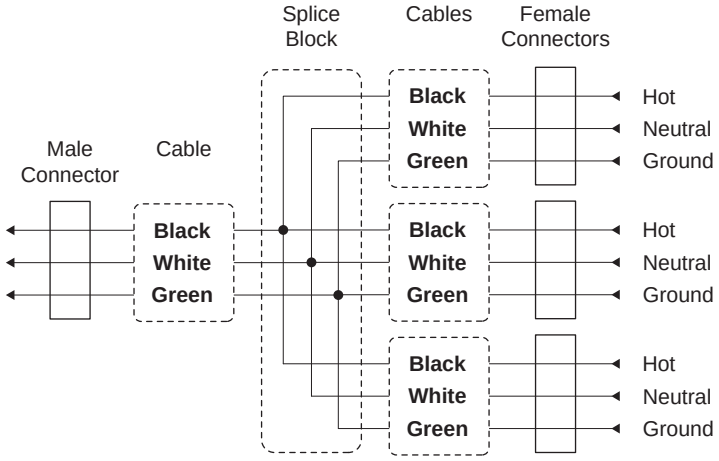
	Skip this section unless ordering custom labeling
L	Custom labeling per spec

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

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

Custom connector combinations available by special order

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

L6-20 connectors - 20A, 250 VAC, 2-Pole, 3-Wire
L5-20 connectors - 20A, 125 VAC, 2-Pole, 3-Wire
5-15 connectors - 15A, 125 VAC, 2-Pole, 3-Wire
5-20 connectors - 20A, 125 VAC, 2-Pole, 3-Wire
TRUE1 connectors - 20A, 250 VAC, 2-Pole, 3-Wire
PowerCon connectors - 20A, 250 VAC, 2-Pole, 3-Wire
Stage Pin connectors - 20A, 125 VAC, 2-Pole, 3-Wire

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