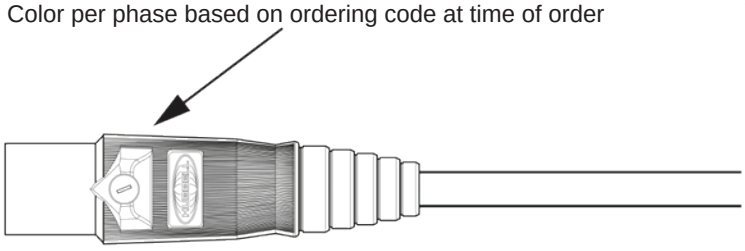
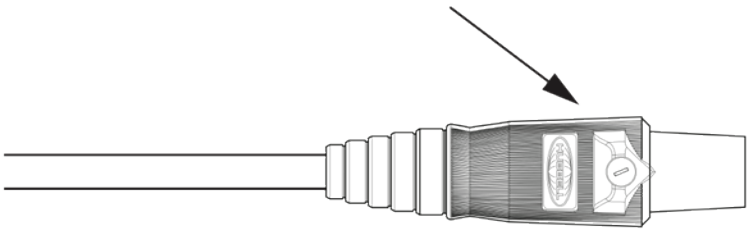
Pro Cables™

CAM FEEDER **ASSEMBLIES**
SINGLE-POLE

Hubbell Series 16 Male Single-Pole Connector
Color per phase based on ordering code at time of order



Hubbell Series 16 Female Single-Pole Connector
Color per phase based on ordering code at time of order



Description

Type SC and Type W stage lighting cable assemblies, available for 3-phase 208V and 1-phase 120V/240V systems. Built for 100A, 200A, or 400A services, 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

- Cam-type single-pole connectors allow for quick and convenient connections. Other connectors available.
- Rugged construction means 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
- Black cables ideal for stage, set, or studio lighting applications. Other colors available.
- Custom labeling available for personalization and security.
- Banded sets available with reverse ground and neutral

Applications

Theatrical; Motion Pictures; Television; Concert Touring; Live Events; Convention Centers; Generator Rental; Nightclubs; Temporary Power. Company switches or generator to the dimmers and other power distribution including moving lights and motion control.

Available Cables

4/0 AWG Type SC 1-Conductor [Individual cables or banded set]
4/0 AWG Type W 1-Conductor [Individual cables or banded set]
2/0 AWG Type SC 1-Conductor [Individual cables or banded set]
2/0 AWG Type W 1-Conductor [Individual cables or banded set]
1/0 AWG Type SC 1-Conductor [Individual cables or banded set]
1/0 AWG Type W 1-Conductor [Individual cables or banded set]
#1 AWG Type SC 1-Conductor [Individual cables or banded set]
#1 AWG Type W 1-Conductor [Individual cables or banded set]
#2 AWG Type SC 1-Conductor [Individual cables or banded set]
#2 AWG Type W 1-Conductor [Individual cables or banded set]
#4 AWG Type SC 1-Conductor [Individual cables or banded set]
#2 or #4 available banded with #6 Ground

Available Connectors

Hubbell Series 16 400A
Hubbell Series 16 300A

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

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
4/0	2062/30	0.080	2.03	0.765	19.43	824	405
2/0	1316/30	0.080	2.03	0.645	16.38	513	300
1/0	1042/30	0.080	2.03	0.6	15.24	424	260
1	827/30	0.080	2.03	0.575	14.61	360	220
2	655/30	0.071	1.80	0.52	13.21	296	190
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

Type W Cable

Extra heavy-duty portable (indoor/outdoor) 1-conductor, 2000V round cable, with EDPM insulation and black abrasion-, weather-, water-, oil-, and UV-resistant rubber jacket. Stranded bare copper conductors. Temperature range: -40° to +90° C.
Assemblies CSA Listed for extra hard usage.

Size	Stranding	Nom. insulation Thickness		Nom. Overall Diameter		Approx. Weight	Current Max.*
AWG	#/AWG	Inch	mm	Inch	mm	Lbs/1Kft	Amps
4/0	2062/30	0.080	2.03	0.96	24.38	933	405
2/0	1316/30	0.080	2.03	0.825	20.96	644	300
1/0	1042/30	0.080	2.03	0.75	19.05	521	260
1	827/30	0.080	2.03	0.73	18.54	465	220
2	655/30	0.060	1.52	0.65	16.51	361	190
4	416/30	0.060	1.52	0.585	14.86	264	140
6	259/30	0.060	1.52	0.545	13.84	205	105

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

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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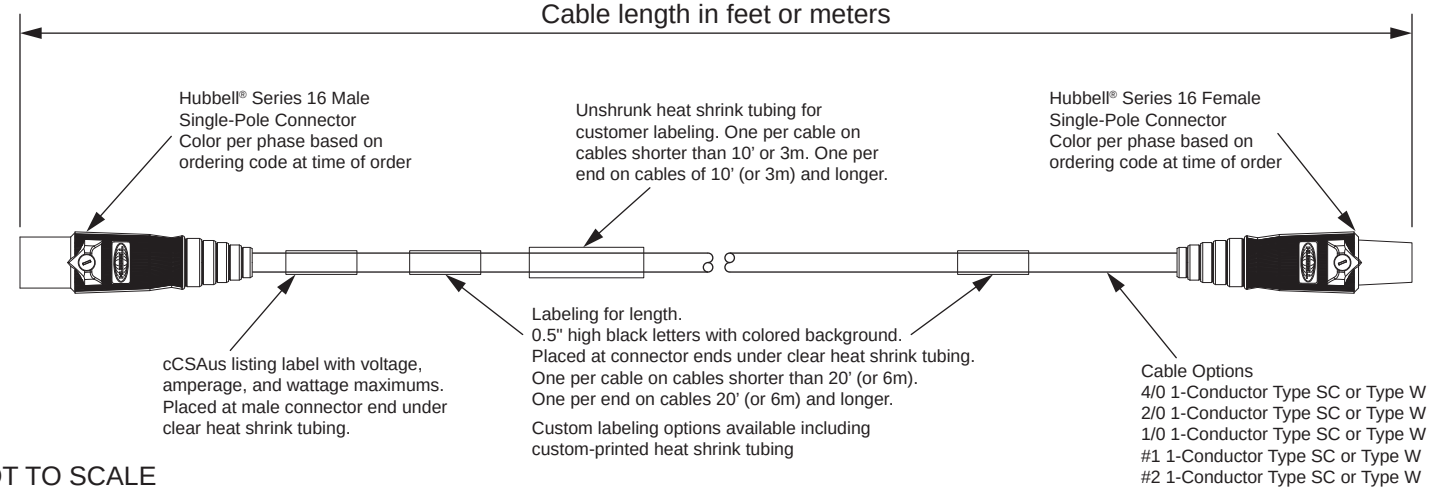
Pro Cables™

CAM FEEDER **ASSEMBLIES**
SINGLE-POLE



NOT TO SCALE

Example Code

Z	40ET	H4D	5S	F	50	L

Z	Designates cable assembly

40ET	4/0 AWG 1-Conductor Type SC Cable
40WT	4/0 AWG 1-Conductor Type W Cable
20ET	2/0 AWG 1-Conductor Type SC Cable
20WT	2/0 AWG 1-Conductor Type W Cable
10ET	1/0 AWG 1-Conductor Type SC Cable
10WT	1/0 AWG 1-Conductor Type W Cable
#1ET	#1 AWG 1-Conductor Type SC Cable
#1WT	#1 AWG 1-Conductor Type W Cable
#2ET	#2 AWG 1-Conductor Type SC Cable
#2WT	#2 AWG 1-Conductor Type W Cable

H4D	Hubbell® Series 16 400A Connectors For use with 4/0 cable only
H3D	Hubbell® Series 16 300A Connectors For use with 2/0 and smaller cable only

Other brand connectors by special order.

5S	5-Wire set of cables or tails
4S	4-Wire set of cables or tails
BK	Single cable or tail - black
BE	Single cable or tail - blue
RD	Single cable or tail - red
WE	Single cable or tail - white
GN	Single cable or tail - green

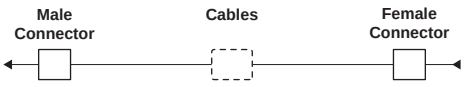
Other connector colors by special order.

	Skip this section unless ordering tails
F	Female tail(s)
M	Male tail(s)

25	Length of cable in feet
25M	Length of cable in meters

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

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

4/0 AWG - 400A, 600 VAC Max, single conductor
2/0 AWG - 300A, 600 VAC Max, single conductor
1/0 AWG - 260A, 600 VAC Max, single conductor
#1 AWG - 220A, 600 VAC Max, single conductor
#2 AWG - 190A, 600 VAC Max, single conductor

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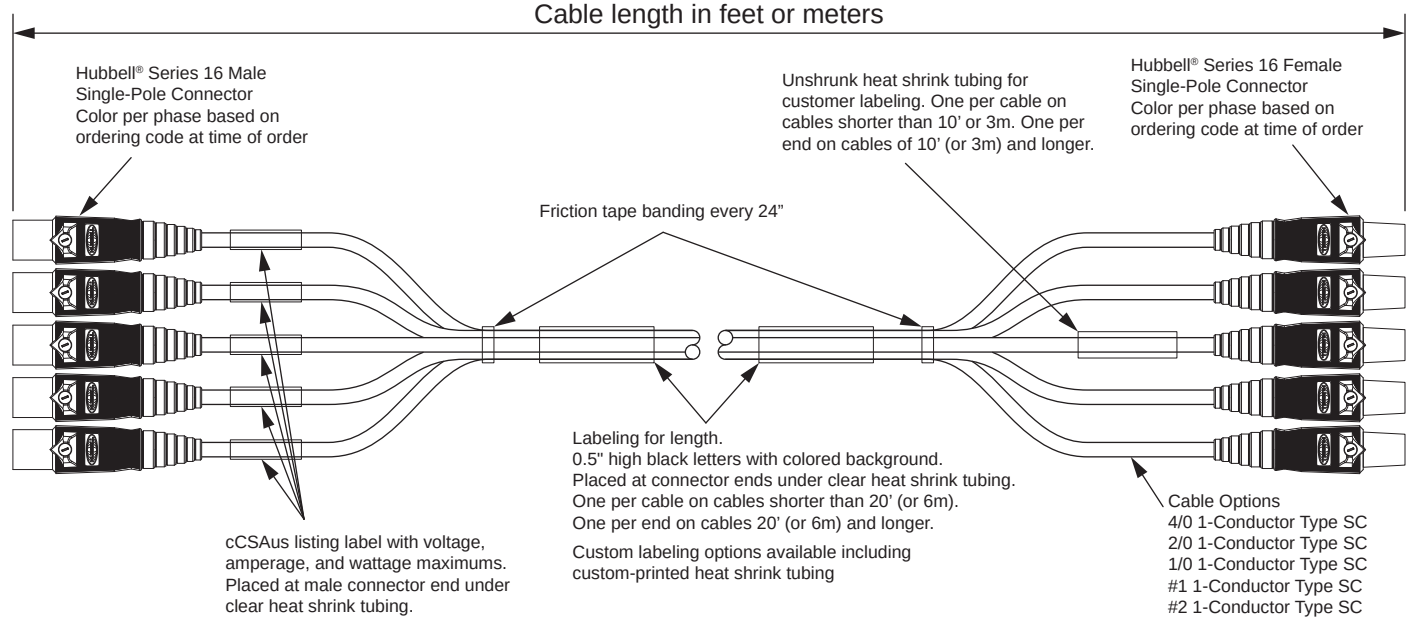
Pro Cables™

BANDED CAM FEEDER **ASSEMBLIES**
SINGLE-POLE



NOT TO SCALE

Example Code

Z	B5	#2ET	H3D	F	50	L	R

Z	Designates cable assembly

B5	5-wire banded set
B4	4-wire banded set

40ET	4/0 AWG 1-Conductor Type SC Cable
20ET	2/0 AWG 1-Conductor Type SC Cable
10ET	1/0 AWG 1-Conductor Type SC Cable
#1ET	#1 AWG 1-Conductor Type SC Cable
#2ET	#2 AWG 1-Conductor Type SC Cable
#26ET	#2 AWG 1-Conductor Type SC Cable with #6 Ground
#4ET	#2 AWG 1-Conductor Type SC Cable
#46ET	#2 AWG 1-Conductor Type SC Cable with #6 Ground

H4D	Hubbell® Series 16 400A Connectors For use with 4/0 cable only
H3D	Hubbell® Series 16 300A Connectors For use with 2/0 and smaller cable only

Other brand connectors by special order.

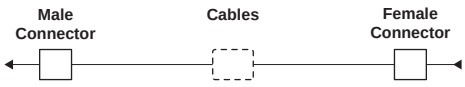
	Skip unless ordering tails
F	Female tail(s)
M	Male tail(s)

25	Length of cable in feet
25M	Length of cable in meters

	Skip unless ordering custom labeling
L	Custom labeling per spec

	Skip if not reversed
R	Reversed ground & neutral

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

4/0 AWG - 400A, 600 VAC Max, single conductor
2/0 AWG - 300A, 600 VAC Max, single conductor
1/0 AWG - 260A, 600 VAC Max, single conductor
#1 AWG - 220A, 600 VAC Max, single conductor
#2 AWG - 190A, 600 VAC Max, single conductor
#4 AWG - 140A, 600 VAC Max, single conductor

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