Pro Cables™

FEEDER **ASSEMBLIES**
H07—EU

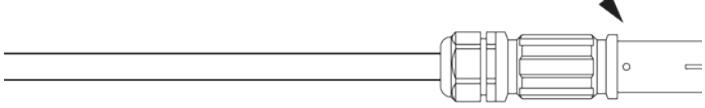
Description
Pro Cables H07 single-conductor, heavy-duty mains feeder assemblies feature PowerSyntax™ connectors, available for 3-phase 415V and 1-phase 230V systems, up to 400A. Rugged, dependable, and the highest quality, Pro Cables H07 Extension assemblies are trusted by professionals everywhere.

Features
- PowerSyntax connectors allow for quick and convenient connections. Other connectors available.
- Rugged construction means long life and durability
- Black cables ideal for stage, set, or studio lighting applications. Other colours of cable are available.
- Custom labels available for personalization and security. Standard and custom configurations available.

Applications
Theatrical, Motion Picture & Television Production, Concert Touring, Live Events, Convention Centers, Generator Rental, Temporary Power. Company switches or generator to the dimmers and other power distribution including moving lights and motion control.

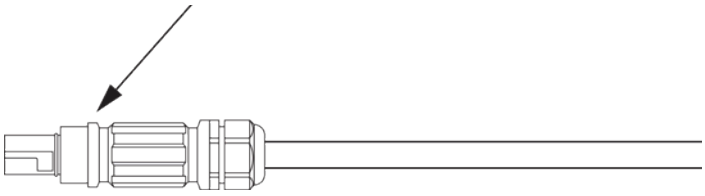
Available Cables
1x35 mm² Type H07RN-F
1x50 mm² Type H07RN-F
1x70 mm² Type H07RN-F
1x95 mm² Type H07RN-F
1x120 mm² Type H07RN-F
1x150 mm² Type H07RN-F

PowerSyntax SPX Series Line
Source Single-Pole Connector
Colour per phase



Available Connectors
PowerSyntax™ SPX Series Single-Pole

PowerSyntax SPX Series Line
Drain Single-Pole Connector
Colour per phase



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 UK/EU

Los Angeles +1 818.899.8818
London +44 (0)20.8574.9700
New York +1 201.896.8600
tmbprocables.com
Toronto +1 519.538.0888
Beijing +86 10.8492.1587
Riga +37 16.868.8955

© 2022, TMB. All rights reserved. Effective: 14 February 2022
Specifications are subject to change without notice. This information supersedes all previously supplied information.

sales@tmb.com

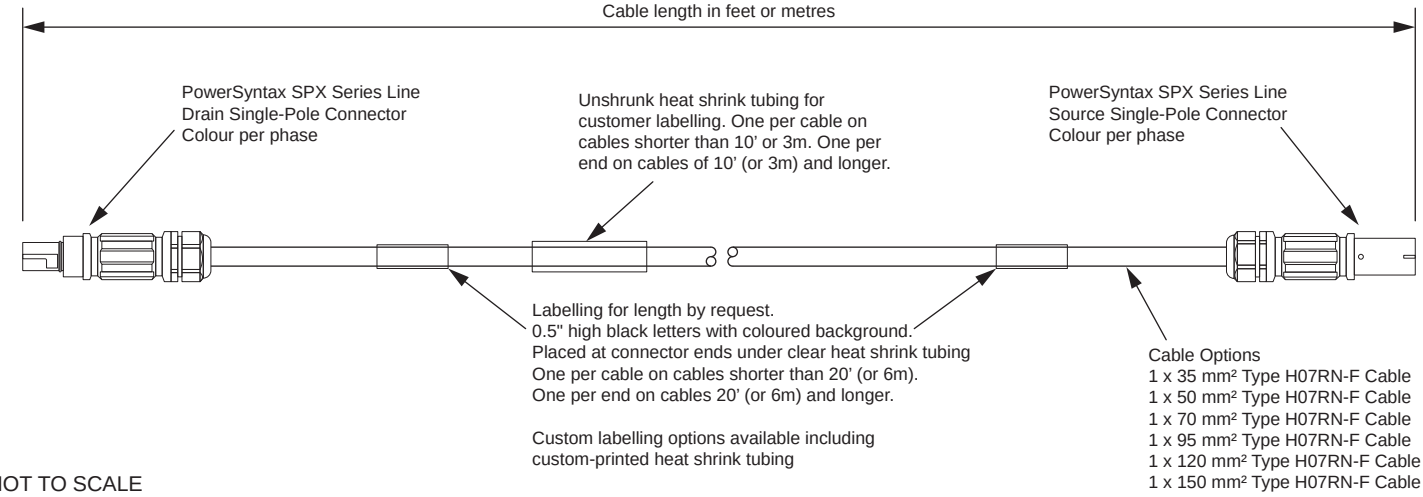
1-Core Type H07RN-F Cables

H07RN-F cables are widely-used, general-purpose portable power cables, available under various brands from various manufacturers. The H07RN-F cables used in TMB Pro Cables' assemblies are typically Nexans' Titanex™ brand, although we may use other quality brands as circumstances dictate. H07RN-F cables supplied by TMB Pro Cables are all CE marked.

Stranded bare copper conductors with cross-linked elastomer insulation, 450/750V round cable, with black oil-, chemical-, and water-resistant cross-linked elastomer jacket. Flexible class 5. Operating temperature range: -25 to +55 °C. Cable conforms to International EN 50525-2-21; HD 22.4; HD 516; IEC 60245-4 type 66, and National NF C 32-102-4 standards.

Part Number	Cross Section	No. of Conductor Cores	Outer Diameter min.	Outer Diameter max.	Approx. Weight	Current Max.
	mm^2		mm	mm	kg/km	Amps
WH0735	35	1	14.3	17.9	482	169
WH0750	50	1	16.5	20.6	662	207
WH0770	70	1	18.6	23.3	895	268
WH0795	95	1	20.8	26.0	1144	328
WH07120	120	1	22.8	28.6	1430	382
WH07150	150	1	25.2	31.4	1740	441

© 2022, TMB. All rights reserved. Effective: 14 February 2022
Specifications are subject to change without notice. This information supersedes all previously supplied information.



NOT TO SCALE

Example Code

Z	35	PL	LD	5S	10M	L

Z	Designates cable assembly

35	1 x 35 mm² Type H07RN-F Cable
50	1 x 50 mm² Type H07RN-F Cable
70	1 x 70 mm² Type H07RN-F Cable
95	1 x 95 mm² Type H07RN-F Cable
120	1 x 120 mm² Type H07RN-F Cable
150	1 x 150 mm² Type H07RN-F Cable

PL	PowerSyntax SPX Series connectors

5S	5-Wire set of cables or tails
BN	Single cable or tail - Brown - Line 1
BK	Single cable or tail - Black - Line 2
GY	Single cable or tail - Grey - Line 3
BE	Single cable or tail - Blue - Neutral
GN	Single cable or tail - Green - Earth

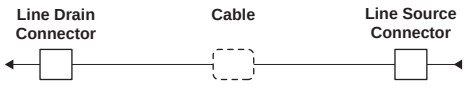
Other connector colours by special order.

10M	Length of cable in metres
10	Length of cable in feet

	Skip this section unless ordering custom labelling
L	Labelled for length or custom labelling

	Skip this section unless ordering tails
LD	Line Drain tail(s)
LS	Line Source tail(s)

ELECTRICAL SCHEMATIC



ELECTRICAL RATING

35 mm² - 169A, 450 VAC Max, single conductor
50 mm² - 207A, 450 VAC Max, single conductor
70 mm² - 268A, 450 VAC Max, single conductor
95 mm² - 328A, 450 VAC Max, single conductor
120 mm² - 382A, 450 VAC Max, single conductor
150 mm² - 441A, 450 VAC Max, single conductor

© 2022, TMB. All rights reserved. Effective: 14 February 2022
Specifications are subject to change without notice. This information supersedes all previously supplied information.