Pro Cables™

ProCable™ MICROPHONE **ASSEMBLIES**
XLR / 1/4”

Description
High-quality microphone cable assemblies.

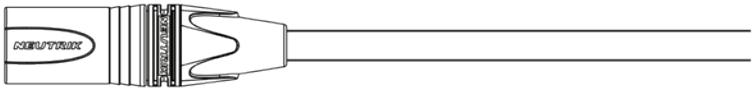
Features
- Crush resistant. Maintains physical integrity even with rough handling.
- Built for the Road! Flexible. Durable. Proven to withstand many years of heavy use.
- Standard and custom configurations available
- Custom labeling also offered

Applications
Theatre, Touring, Motion Pictures; Television; Nightclubs; Live Events
Concert Tours; Recording Studios

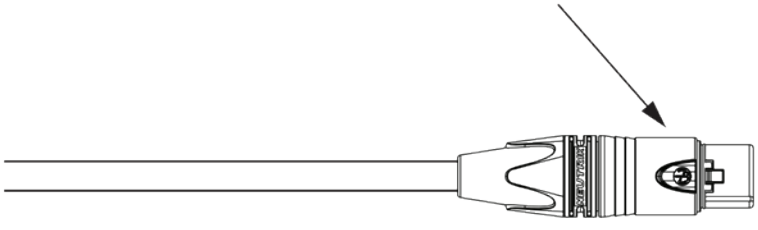
Available Cables
ProCable™ 20 AWG Microphone

Available Connectors
Neutrik™ 3-Pin XLR–Black
Neutrik™ 3-Pin XLR–Silver
Neutrik™ 1/4″ TRS Plug–Silver

Connector Options—Male
Neutrik 3-Pin XLR – Black
Neutrik 3-Pin XLR – Silver
Neutrik 1/4” TRS Plug – Silver



Connector Options—Female
Neutrik 3-Pin XLR – Black
Neutrik 3-Pin XLR – Silver
Neutrik 1/4” TRS Plug – Silver



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

Los Angeles +1 818.899.8818
London +44 (0)20.8574.9700
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Toronto +1 519.538.0888
Beijing +86 10.8492.1587
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ProCable™ Microphone Cable

RoHS Compliant

Specifications		
Part Number		PCMIC20
Conductor	AWG Size and Stranding	20 AWG [0.52 mm^2] 41 strands 36 AWG
	Material	Bare annealed copper
Insulation	Material	Polyethylene
	Wall Thickness	0.020” [0.51 mm] nominal
	Diameter	0.078” +/- 0.002” [1.98 mm +/- 0.05 mm]
	Color Code	Black/White
Assembly	Lay Length	2 1/2” [63.5 mm] maximum left hand
	Fillers	Paper as required
Shield	Material	Bare annealed copper braid
	Coverage	85% nominal
Jacket	Material	Matte finish polyvinyl chloride
	Colors	Black, Blue, Red
	Wall Thickness	0.040” [1.01 mm] nominal
	Diameter	0.260” +/- 0.005” [6.6 mm +/- 0.13 mm]
Markings	Type	Surface printing in white ink
	Legend	PROCABLE AUDIO PROFESSIONAL BRAIDED SHIELD BALANCED MICROPHONE CABLE, MADE IN USA
Electrical Specifications	Capacitance Between Conductors	21 pF/ft @ 1 kHz
	Capacitance Conductor to Shield	37 pF/ft @ 1 kHz
	Characteristic Impedance	70 Ohms @ 1 MHz
	Resistance at 20°C	10.3 Ohms/1000 ft.
Physical	Weight	50 lbs. per 1000’ [74.4 Kg/Km]
	Stock Length	Black: 500’, 1000’ plastic spool in box. 2500’ plywood spool. Colors: 1000’ plywood spool

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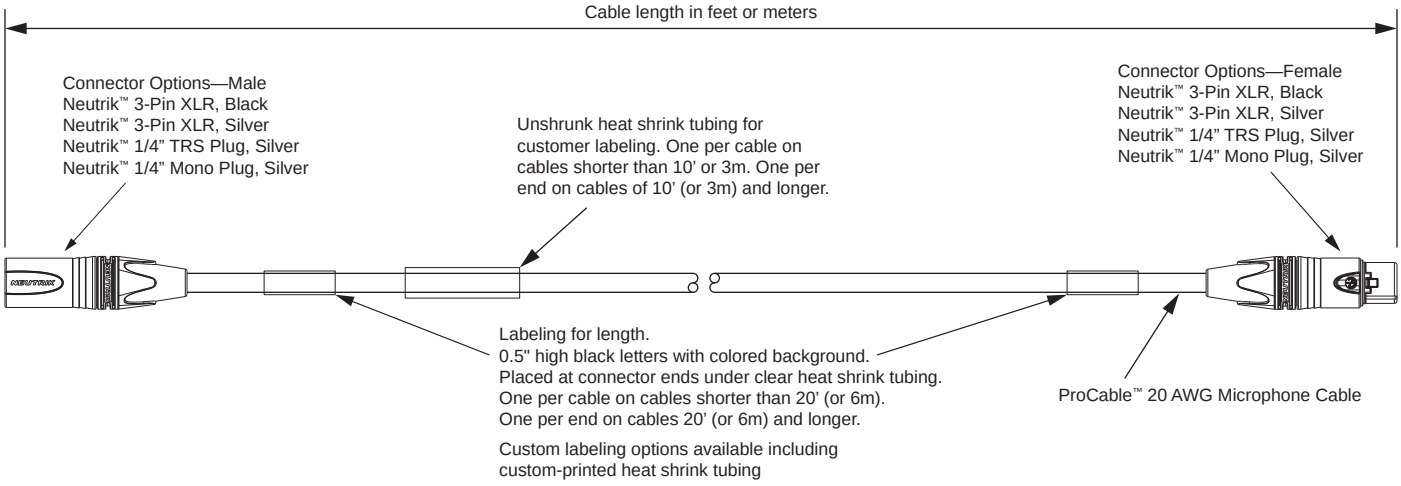


NOT TO SCALE

Example Code

Z	MIC20	NB	10	L

Z	Designates cable assembly

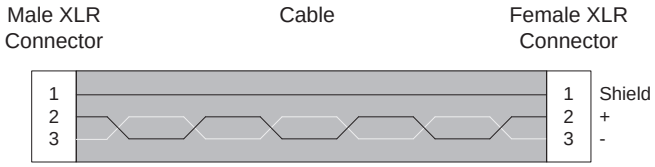
	Skip this section unless ordering custom labeling
L	Custom labeling per spec

MIC20	ProCable™ 20 AWG Microphone Cable

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

NB	Neutrik™ 3-Pin Black XLR connectors
NX	Neutrik™ 3-Pin Silver XLR connectors
TRS	Neutrik™ 1/4” Silver TRS plugs
MJ	Neutrik™ 1/4” Silver Mono plugs

ELECTRICAL SCHEMATIC



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