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**WELDING CABLE**

# CUT TO LENGTH AND BULK TOUGHFLEX™ WELDING CABLE

## APPLICATIONS

Designed for all welding assembly applications including stingers, leads and grounds.  
Meets the UL VW-1 flame test outlined in UL1581



## FEATURES

- Highly flexible annealed no. 30 gauge bare copper conductor (Class K stranding)
- Insulated with an EPDM blue jacket and paper separator
- Durable jacket resists cuts, tears, abrasion, grease, oil, water, and flames
- Standard black cable features surface and lifetime indent printing
- Operating temperatures range from -50°C to + 105°C (-58°F to + 221°F)
- Rated to 600 Volts
- National Electrical Code article 630 electric welders

## AVAILABLE OPTIONS

- Additional cable gauges, color options, and custom lengths
- Cable identification

## CABLE SPECS

Gauge	Stranding	Insulation Thickness		Nominal O.D.		Shipping Weight
		in.	mm	in.	mm	lbs./1000 ft
#8	7/24/.010	0.070	1.78	0.300	7.62	87
#6	7/37/.010	0.060	1.52	0.320	8.13	113
#4	7/52/.010	0.060	1.52	0.348	8.84	147
#2	12/52/.010	0.060	1.52	0.420	10.67	236
#1	12/65/.010	0.080	2.03	0.503	12.78	313
1/0	19/52/.010	0.080	2.03	0.533	13.54	378
2/0	19/65/.010	0.080	2.03	0.586	14.88	463
3/0	19/81/.010	0.080	2.03	0.625	15.88	563
4/0	19/106/.010	0.080	2.03	0.720	18.29	734
250MCM	19/133/.010	0.100	2.54	0.815	20.70	962
350MCM	19x7x26/.010	0.100	2.54	0.955	24.26	1310

## AMPACITY GUIDE

Gauge	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'	350'
#6	100	100									
#4	150										
#2	200	150	100	100							
#1	250/300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/450	300	250	200	150		100	100			
3/0	500	350/400	300	250	200	150	150			100	
4/0	550/600	450/500	350/400	300	250	200	200	150	150		100

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.

# TOUGHFLEX™ WELDING LEAD ASSEMBLIES

## APPLICATIONS

Ready-to-use, pre-assembled flexible welding leads save you time and labor costs. Made from stranded copper, these single conductor cables are rated up to 600 volts.



## FEATURES

- Highly flexible ToughFlex™ welding cable
- Black jacketed welding lead assemblies made with Lenco® connectors
- Durable jacket resists cuts, tears, abrasion, grease, oil, water, and flame
- Standard black cable features surface and lifetime indent printing
- Standard lengths: 50' and 100'

## AVAILABLE OPTIONS

- Additional cable gauges and custom lengths
- Cable identification

## CABLE SPECS

Part Number	Gauge	Cable Color	Length	Description
WC10B050MBFB	1/0	Black	50'	Welding lead with Lenco male (LC40) female (LC40)
WC20B050MBFB	2/0	Black	50'	Welding lead with Lenco male (LC40) female (LC40)
WC20B050MBFB-W	2/0	Black	50'	Welding lead with Lenco male (2-MPC) female (2-MPC)
WC20B100MBFB	2/0	Black	100'	Welding lead with Lenco male (LC40) female (LC40)
WC20B100MBFB-W	2/0	Black	100'	Welding lead with Lenco male (2-MPC) female (2-MPC)
WC40B050AMBFB	4/0	Black	50'	Welding lead with Lenco male (LC40HD) female (LC40HD)
WC40B100AMBFB	4/0	Black	50'	Welding lead with Lenco male (LC40HD) female (LC40HD)

## AMPACITY GUIDE

Gauge	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'	350'
#6	100	100									
#4	150										
#2	200	150	100	100							
#1	250/300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/450	300	250	200	150		100	100			
3/0	500	350/400	300	250	200	150	150			100	
4/0	550/600	450/500	350/400	300	250	200	200	150	150		100

# TOUGHFLEX™ WELDING WHIP/STINGER ASSEMBLIES

## APPLICATIONS

Ready-to-use, pre-assembled flexible welding whips/stingers save you time and labor costs. Made from stranded copper, these single conductor cables are rated up to 600 volts.



## FEATURES

- Highly flexible ToughFlex™ welding cable
- Black jacketed electrode holder assemblies made with Lenco® connectors
- Durable jacket resists cuts, tears, abrasion, grease, oil, water, and flame
- Standard black cable features surface and lifetime indent printing
- Standard lengths: 10' and 12'

## AVAILABLE OPTIONS

- Additional gauges, lengths, and more choices for customization

## CABLE SPECS

Part Number	Gauge	Cable Color	Length	Description
WC10B010MB250E	1/0	Black	10'	Welding whip with Lenco male (LC-40) 250A holder (AF-25)
WC20B012MBAF2-W	2/0	Black	12'	Welding whip with Lenco male (LC-40) 200A holder (AF-2)
WC20B010MB400E	2/0	Black	10'	Welding whip with Lenco male (LC-40) 400A holder (AF-35)
WC20B010MB250E	2/0	Black	10'	Welding whip with Lenco male (LC-40) 250A holder (AF-25)
WC20B010MB300E	2/0	Black	10'	Welding whip with Lenco male (LC-40) 300A holder (AF-3)
WC20B010MBL600	2/0	Black	10'	Welding whip with Lenco male (LC-40) 600A holder (L-600)

## AMPACITY GUIDE

Gauge	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'	350'
#6	100	100									
#4	150										
#2	200	150	100	100							
#1	250/300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/450	300	250	200	150		100	100			
3/0	500	350/400	300	250	200	150	150			100	
4/0	550/600	450/500	350/400	300	250	200	200	150	150		100

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# TOUGHFLEX™ WELDING GROUND ASSEMBLIES

## APPLICATIONS

Ready-to-use, pre-assembled flexible welding grounds save you time and labor costs. Made from stranded copper, these single conductor cables are rated up to 600 volts.



## FEATURES

- Highly flexible ToughFlex™ welding cable
- Black jacketed ground assemblies made with Lenco® connectors
- Durable jacket resists cuts, tears, abrasion, grease, oil, water, and flame
- Standard black cable features surface and lifetime indent printing
- Standard lengths: 2', 6', 10' and 50'

## AVAILABLE OPTIONS

- Additional cable gauges and custom lengths
- Cable identification

## CABLE SPECS

Part Number	Gauge	Cable Color	Length	Description
WC10B010MB300C	1/0	Black	10'	Welding ground with Lenco male (LC-40) 300A copper ground (LPG-300)
WC20B012MBCLAMP-W	2/0	Black	12'	Welding ground with Tweco male (2-MPC) Lenco MIG 300 C clamp
WC20B010MB300C	2/0	Black	10'	Welding ground with Lenco male (LC-40) 300A copper ground (LPG-300)
WC20B010MB500S	2/0	Black	10'	Welding ground with Lenco male (LC-40) 500A steel ground (EG-500)
WC20B050MB500S	2/0	Black	50'	Welding ground with Lenco male (LC-40) 500A steel ground (EG-500)
WC20B006MB300C	2/0	Black	6'	Welding ground with Lenco male (LC-40) 300A copper ground (LPG-300)
WC20B002MB500S	2/0	Black	2'	Welding ground with Lenco male (LC-40) 500A steel ground (EG-500)

## AMPACITY GUIDE

Gauge	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'	350'
#4	100	100									
#3	150										
#2	200	150	100	100							
#1	250/300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/450	300	250	200	150		100	100			
3/0	500	350/400	300	250	200	150	150			100	
4/0	550/600	450/500	350/400	300	250	200	200	150	150		100

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.

# WELDING CABLE & ASSEMBLIES

- GROUNDS
- LEADS
- STINGERS/WHIPS
- CUT TO LENGTH & BY THE FOOT
- BULK REELS
- CUSTOM WELDING SOLUTIONS
  - IMPRINT SURFACE PRINTING
  - INDENT PRINTING
  - ADDITIONAL LENGTHS, COLORS, AND GAUGES

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