

SLEMCO

Residential-Overhead Service Entrance Conductor Table		
Description	Specifications	Ampacity
Aluminum		
#4 COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	75
#2 COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	100
#1/0 COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	135
#2/0 COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	150
#3/0 COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	175
#4/0 COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	205
250 MCM COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	230
300 MCM COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	260
350 MCM COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	280
400 MCM COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	305
500 MCM COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	350
600 MCM COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	385
700 MCM COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	425
750 MCM COVERED STRANDED (AL)	RHW-2, THWN-2, XHHW-2	435
Copper		
#6 COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	75
#4 COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	95
#2 COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	130
#1/0 COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	170
#2/0 COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	195
#3/0 COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	225
#4/0 COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	260
250 MCM COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	290
300 MCM COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	320
350 MCM COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	350
500 MCM COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	430
750 MCM COVERED STRANDED (CU)	RHW-2, THWN-2, XHHW-2	520
Notes		
<ol style="list-style-type: none"> 1. 750 MCM is largest conductor that will be allowed for OH service entrances. 2. Maximum number of runs (conductors per phase) is four (4). 3. Every run requires a separate weather head and associated service mast. 4. Service entrance conductors must be covered, stranded, and rated for 600V. 5. The neutral conductor shall be sized no smaller than two sizes less than phase conductor. 6. Diesel Locomotive (DLO) conductor is prohibited. 		

Residential-Underground Secondary Conductor Table		
Description	Specifications	Ampacity
Aluminum		
#4/0 COVERED STRANDED (AL)	BELOIT URD	225
250 MCM COVERED STRANDED (AL)	HOFSTRA URD	250
300 MCM COVERED STRANDED (AL)	GONZOGA URD	280
350 MCM COVERED STRANDED (AL)	RUTGERS URD	305
400 MCM COVERED STRANDED (AL)	DARTMOUTH URD	325
500 MCM COVERED STRANDED (AL)	EMORY URD	370
Notes		
<ol style="list-style-type: none"> 1. 500 MCM is largest conductor that will be allowed for UG secondary. 2. Maximum number of runs (conductors per phase) is four (4). 3. Every run requires a separate conduit. 4. Secondary conductors must be covered, stranded, URD, and rated for 600V. 5. The neutral conductor shall be sized no smaller than two sizes less than phase conductor. 6. Diesel Locomotive (DLO) conductor is prohibited. 		