

Tree Wire Ampacity Table - AAAC 75°C Conductors



75°C Black Conductors (Amps)

Equivelant Conductor Size	Code Name	Actual Size	15 kV		25 kV		35kV	
			Normal ¹	Emergency ²	Normal ¹	Emergency ²	Normal ¹	Emergency ²
#2 AWG	Ames	77.47 KCM	182	226	—	—	—	—
1/0 AWG	Azuza	123.3 KCM	241	300	233	291	229	287
2/0 AWG	Anaheim	155.4 KCM	278	346	268	335	263	330
3/0 AWG	Amherst	195.7 KCM	334	418	308	386	303	381
4/0 AWG	Alliance	246.9 KCM	368	462	355	446	348	439

¹Normal Ampacity @ 75°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec Wind, Sun

²Emergency Ampacity @ 100°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec Wind, Sun

Hendrix Cable will not suffer plastic flow from short term (48 hours) overloads up to 100°C Conductor Temperature

75°C Gray Conductors (Amps)

Equivelant Conductor Size	Code Name	Actual Size	15 kV		25 kV		35kV	
			Normal ¹	Emergency ²	Normal ¹	Emergency ²	Normal ¹	Emergency ²
#2 AWG	Ames	77.47 KCM	185	210	—	—	—	—
1/0 AWG	Azuza	123.3 KCM	244	297	238	290	235	287
2/0 AWG	Anaheim	155.4 KCM	281	342	274	334	270	330
3/0 AWG	Amherst	195.7 KCM	338	412	314	384	310	380
4/0 AWG	Alliance	246.9 KCM	372	455	362	443	357	437

¹Normal Ampacity @ 75°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec Wind, Sun

²Emergency Ampacity @ 100°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec Wind, Sun

Hendrix Cable will not suffer plastic flow from short term (48 hours) overloads up to 100°C Conductor Temperature

Tree Wire Ampacity Table - AAAC 90°C Conductors



90°C Black Conductors (Amps)

Equivant Conductor Size	Code Name	Actual Size	15 kV		25 kV		35kV	
			Normal ¹	Emergency ²	Normal ¹	Emergency ²	Normal ¹	Emergency ²
#2 AWG	Ames	77.47 KCM	210	240	—	—	—	—
1/0 AWG	Azuza	123.3 KCM	279	319	270	310	266	305
2/0 AWG	Anaheim	155.4 KCM	322	369	311	357	306	352
3/0 AWG	Amherst	195.7 KCM	388	445	358	411	353	405
4/0 AWG	Alliance	246.9 KCM	428	491	413	475	406	467

¹Normal Ampacity @ 90°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec Wind, Sun

²Emergency Ampacity @ 110°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec Wind, Sun

Hendrix Cable will not suffer plastic flow from short term (48 hours) overloads up to 110°C Conductor Temperature

90°C Gray Conductors (Amps)

Equivant Conductor Size	Code Name	Actual Size	15 kV		25 kV		35kV	
			Normal ¹	Emergency ²	Normal ¹	Emergency ²	Normal ¹	Emergency ²
#2 AWG	Ames	77.47 KCM	210	237	—	—	—	—
1/0 AWG	Azuza	123.3 KCM	278	314	271	307	268	304
2/0 AWG	Anaheim	155.4 KCM	320	362	312	353	308	349
3/0 AWG	Amherst	195.7 KCM	386	436	359	407	355	402
4/0 AWG	Alliance	246.9 KCM	425	481	414	469	408	463

¹Normal Ampacity @ 90°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec Wind, Sun

²Emergency Ampacity @ 110°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec Wind, Sun

Hendrix Cable will not suffer plastic flow from short term (48 hours) overloads up to 110°C Conductor Temperature