

IMSA 19-1 Traffic Cable Specifications Upgraded for CSA

1. Reel Sizes
 - 1.1 2c#12, 3c#14 and 7c#14 must be 24" x 18" with a 2" shaft hole (O.D.)
 - 1.2 16c#14, 21c#14 and 28c#14 must be 36" x 24" with a 2" shaft hole (O.D.)
2. Outside cable jacket to be marked and numbered at 1 meter intervals. (Meters only)
3. 2c#12, 3c#14 and 7c#14 cable to be 300 meters per reel exactly with the balance on the last reel.
4. 16c#14 cable to be 450 meters per reel exactly with the balance on the last reel.
5. 21c#14 cable to be 350 meters per reel exactly with the balance on the last reel.
6. All cable to be XLPE PVC 600 volt CSA rated Control Cable and must comply with CSA C22.2 #239 and CSA C22.2 # 38 Specifications.

Cable Color Coding

Solid 2c#12 with 1c #10 bare solid ground

- | | <u>Color</u> |
|----|--------------|
| 1. | Black |
| 2. | White |
| 3. | #10 Bare |

Solid 3c#14 with 1c #14 bare solid ground

- | | <u>Color</u> |
|----|--------------|
| 1. | Black |
| 2. | White |
| 3. | Red |
| 4. | #14 Bare |

Solid 7c#14 with 1c #14 bare solid ground

- | | <u>Color</u> | <u>Tracer</u> |
|----|--------------|---------------|
| 1. | Black | |
| 2. | White | |
| 3. | Red | |
| 4. | Green | |
| 5. | Orange | |
| 6. | Blue | |
| 7. | White | Black |
| 8. | #14 Bare | |

Solid 16c#14 with 1c #14 bare solid ground

	<u>Color</u>	<u>Tracer</u>
1.	Black	
2.	White	
3.	Red	
4.	Green	
5.	Orange	
6.	Blue	
7.	White	Black
8.	Red	Black
9.	Green	Black
10.	Orange	Black
11.	Blue	Black
12.	Black	White
13.	Red	White
14.	Green	White
15.	Blue	White
16.	Black	Red
17.	#14 Bare	

Solid 21c#14 with 1c #14 bare solid ground

	<u>Color</u>	<u>Tracer</u>
1.	Black	
2.	White	
3.	Red	
4.	Green	
5.	Orange	
6.	Blue	
7.	White	Black
8.	Red	Black
9.	Green	Black
10.	Orange	Black
11.	Blue	Black
12.	Black	White
13.	Red	White
14.	Green	White
15.	Blue	White
16.	Black	Red
17.	White	Red
18.	Orange	Red
19.	Blue	Red
20.	Red	Green
21.	Orange	Green
22.	#14 Bare	

Solid 28c#14 with 1c #14 bare solid ground

	<u>Color</u>	<u>Tracer</u>
1.	Black	
2.	White	
3.	Red	
4.	Green	
5.	Orange	
6.	Blue	
7.	White	Black
8.	Red	Black
9.	Green	Black
10.	Orange	black
11.	Blue	Black
12.	Black	White
13.	Red	White
14.	Green	White
15.	Blue	White
16.	Black	Red
17.	White	Red
18.	Orange	Red
19.	Blue	Red
20.	Red	Green
21.	Orange	Green
22.	Black	White-White (2)
23.	White	Red-Red (2)
24.	Red	Black-Black (2)
25.	Green	Black-Black (2)
26.	Orange	Black-Black (2)
27.	Blue	Black-Black (2)
28.	White	Black-Black (2)
29.	#14 Bare	