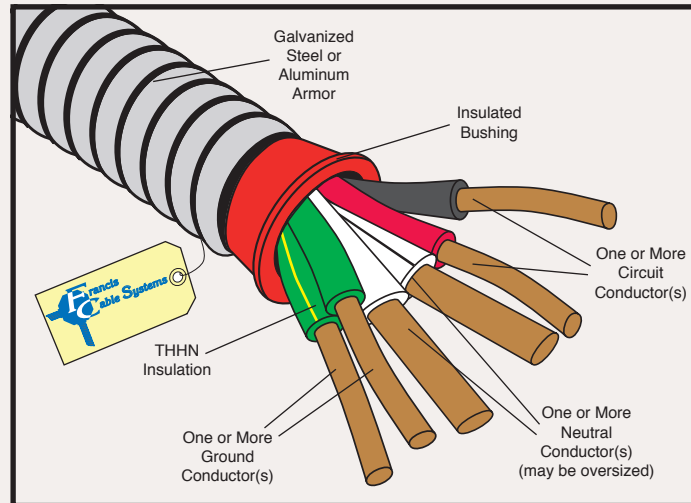



# Francis Cable Systems “Opti-Neutral” Cable™ (Oversized Neutrals and Multiple Neutrals)

Opti-Neutral Cable produced by Francis Cable Systems is a cost-efficient alternative for pipe-and-wire systems, especially when installing in commercial buildings and places of large public assembly. Opti-Neutral Cable offers unsurpassed reliability and ease of application. Opti-Neutral Cable provides greater resistance to mechanical damage, permits design flexibility of cable runs, and simplifies cable rerouting for equipment relocation. Upgraded neutral conductors handle harmonic loads.



**Francis Cable Systems Opti-Neutral cables are manufactured with the “Mark of Excellence”™**

- UL listed and labeled (Standard 1569) – type MC 
- Conforms to Article 330 of NEC approved wiring method
- Commercial, industrial and utility applications
- Cable tray rated, 600 Volt, 90°C rated
- Handles branch, feeder and service circuits (Articles 230-243)
- Upgraded neutral conductors handle harmonic loads
- For use in Class I, Div. 2, Class II, Div. 2 and Class III, Div. 1 hazardous locations
- Made in the U.S.A. fully pre-assembled and inspected

## Opti-Neutral™ Cable applications:

- Three phase/four-wire power supply systems for electronic equipment producing non-linear switching loads (computers, office machines, etc.)
- Secondary feeders in industrial and commercial distribution systems, and for supplying electricity to station auxiliaries in power stations.
- May be used exposed or concealed, in approved raceways or as open run.





## Opti-Neutral Cable™ (Oversized Neutrals and Multiple Neutrals)

### Weights and Measurements

Opti-Neutral Cable							
Product Code	Phase Conductors (AWG #)	Neutral Conductors (AWG #)	Ground Wire (AWG #)	Coil Length (feet)	Reel Length (feet)	Nomial O.D. (inches)	Nominal Weight per 1,000 feet (lbs.) (steel/aluminum)
Fm 2916	12-2	12-2	12-2	250	1000	0.58	335 / 210
Fm 2911	12-3	12-3	12-2	250	1000	0.62	385 / 245
Fm 2960	12-4	12-3	12-2	250	1000	0.66	420 / 260
Fm 2912	10-3	10-3	10-2	250	500	0.72	545 / 335
Fm 2908	12-1	10-1	12-1	250	1000	0.51	220 / 125
Fm 2909	12-2	10-1	12-1	250	1000	0.54	260 / 150
Fm 2910	12-3	10-1	12-1	250	1000	0.58	315 / 200
Fm 2905	12-3	8-1	12-1	250	1000	0.60	345 / 220
Fm 2918	12-4	10-2	12-2	250	1000	0.66	435 / 265
Fm 2913	10-3	6-1	10-1	250	500	0.72	485 / 275
Fm 2970	10-4	8-2	10-2	250	500	0.81	628 / 408