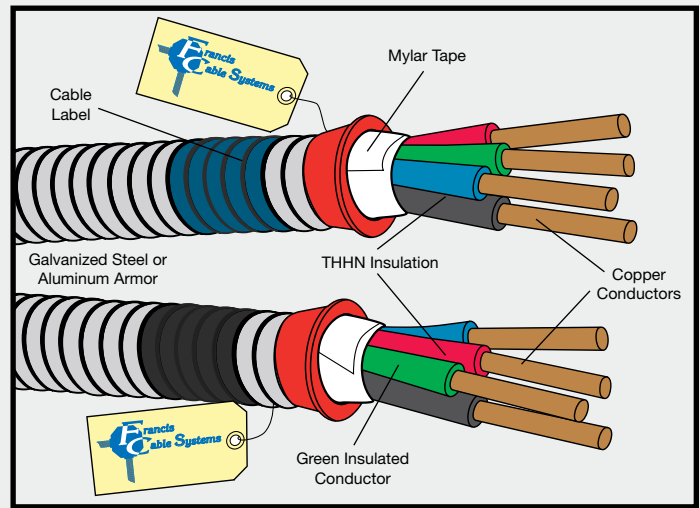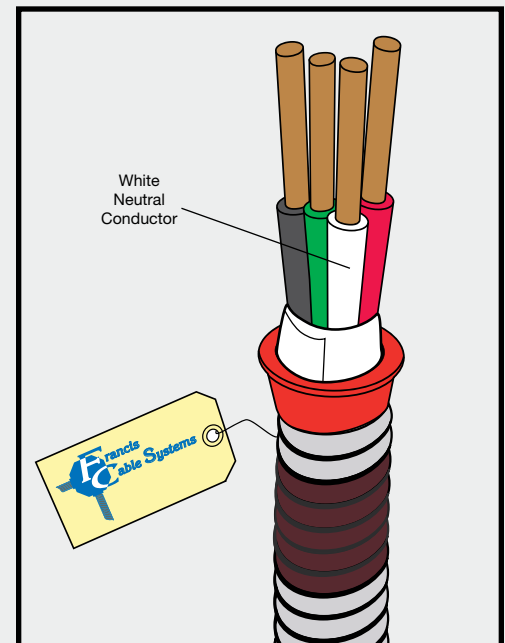# Francis Cable Systems Data Center Cable™ (DC)

Data Center (DC) Cable produced by Francis Cable Systems is a cost-efficient alternative for pipe-and-wire systems, especially when installing under raised floors. Data Center Cable offers unsurpassed reliability and ease of application. Data Center Cable provides greater resistance to mechanical damage, permits design flexibility of cable runs, and simplifies cable rerouting for equipment relocation. The cable handles power, lighting, control and signal circuits. It is ideal where space is limited and maximum performance is demanded.

Francis Cable Systems Data Center™

Francis Cable Systems Data Center™ (DC) cables are manufactured with the "Mark of Excellence"™

❒ UL listed and labeled (Type MC Standard 1569)

❒ Conforms to Article 330 of NEC approved wiring method

❒ Conforms to Article 645 – Information Technology Equipment

❒ Cable tray rated, 600 Volt, 90°C rated

❒ Made in the U.S.A. fully pre-assembled and inspected

Data Center™ Cable applications:

- Low smoke alternative to the use of PVC-jacketed metal clad cables in information technology systems.
- May be used under raised floors as described in NEC 645.5(D).
- May be used exposed or concealed, in approved raceways or as open run.

Francis Cable Systems Data Center™ cables can be manufactured with neutral conductors (white) as per customer specifications.

Francis Cable Systems

687 Prospect Street
Lakewood, NJ 08701

Data Center™ (DC) Cable Weights and Measurements

With Insulated Green Ground

AWG Size	Nominal Weight per 1,000 Feet steel / aluminum	Nominal Outer Diameter (inches)	Coil Length in Feet	Reel Length in Feet
14-2 Solid	175 / 90	0.450	250	1,000
14-3 Solid	205 / 110	0.480	250	1,000
14-4 Solid	230 / 130	0.510	250	1,000
12-2 Solid	215 / 120	0.495	250	1,000
12-3 Solid	255 / 150	0.530	250	1,000
12-4 Solid	295 / 180	0.565	250	1,000
10-2 Solid	285 / 170	0.560	250	1,000
10-3 Solid	340 / 215	0.600	250	1,000
10-4 Solid	395 / 260	0.645	250	1,000
8-2 Stranded	450 / 265	0.710	200	500
8-3 Stranded	545 / 335	0.770	200	500
8-4 Stranded	645 / 415	0.835	125	500
6-2 Stranded	590 / 360	0.795	125	500
6-3 Stranded	720 / 470	0.865	125	500
6-4 Stranded	860 / 580	0.945	100	500