

# AC Cable - Health Care Facility (HCF)

## Copper THHN/THWN Conductors / Aluminum Armor



### APPLICATION:

Health Care Facility (HCF) AC Cable constructions are designed for use in health care facilities as per NEC. HCF AC Cable is suitable for use in branch and feeder circuits in both exposed and concealed installations. HCF AC Cable can be used in cable trays, other approved raceways, dry locations, and embedded in plaster finish on brick or other masonry (dry locations only) making it a cost effective alternative to installations in conduit. Voltage ratings should not exceed 600V in any application.

### CONDUCTOR:

- Stranded Class C or solid soft drawn bare copper

### INSULATION:

- THHN/THWN insulation. Each conductor is individually wrapped in a fibrous paper covering

### BONDING CONDUCTOR:

- One 16 AWG aluminum conductor in close contact with armor along its entirety

### GROUND:

- One stranded Class C or solid soft drawn green insulated copper conductor individually wrapped in a fibrous paper covering

### ARMOR:

- Overall aluminum interlocked armor with helically patterned green stripe

### COLOR CODE:

- Standard low and high voltage colors available

### STANDARDS:

- UL 4
- Gasoline and oil resistance II
- Rated 90°C dry

Part Number*	Conductor Size	No. of Conductors	Ground Size	Min. Avg. Insulation Thickness	Approx. Diameter	Standard Packaging		Net Weight
	AWG		AWG			Coils	Reels	
<b>AC Cable with Solid Conductors</b>								
12-02HCF/GREEN	12	2	12	0.020	0.515	250	1000	126
12-03HCF/GREEN	12	3	12	0.020	0.535	250	1000	160
12-04HCF/GREEN	12	4	12	0.020	0.585	250	1000	183
10-02HCF/GREEN	10	2	10	0.025	0.555	250	500	173
10-03HCF/GREEN	10	3	10	0.025	0.645	250	500	227
10-04HCF/GREEN	10	4	10	0.025	0.680	250	500	269
<b>AC Cable with Stranded Conductors</b>								
12-02HCF/STR/GRN	12	2	12	0.020	0.540	250	1000	131
12-03HCF/STR/GRN	12	3	12	0.020	0.580	250	1000	160
12-04HCF/STR/GRN	12	4	12	0.020	0.540	250	1000	186
10-02HCF/STR/GRN	10	2	10	0.025	0.583	250	1000	193
10-03HCF/STR/GRN	10	3	10	0.025	0.665	250	1000	233

All values are nominal and subject to correction.



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