

MC LUMINARY HCF® LITE CABLES *U.S. Patent No 8,088,997 B2

Type MC-PCS Health Care Facilities (Aluminum)

BENEFITS

- Approved for use in patient care areas per NEC 517.13
- May be surface mounted, fished and/or embedded in plaster
- Save up to 30% labor and installation costs compared to traditional wiring methods
- Parallel bonding/grounding conductor for faster termination

ARMOR

Interlocked Aluminum Strip (Light green striped)

CONDUCTORS

Solid/Stranded Copper

CONDUCTOR INSULATION

THHN + Protective Polypropylene Cover (Power)
TFN (Control)

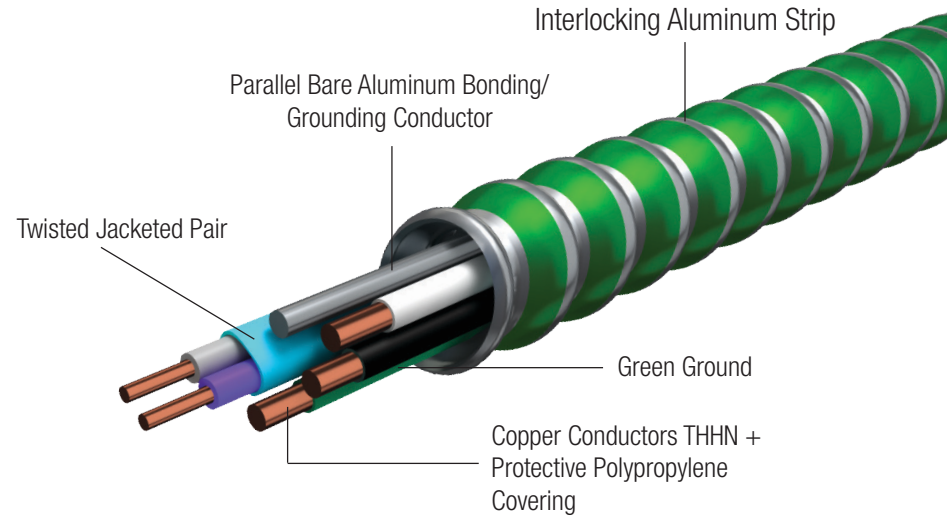
MAXIMUM TEMPERATURE RATING

90°C (Dry)

GROUNDING

Two grounding means - (1) Combined armor and full-sized aluminum ground conductor

(2) Full-sized green insulated copper grounding conductor
NEC® 250.118(10)(b)



NEUTRAL CONDUCTOR

White 120/208V
Gray 277/480V

CONTROL CABLES

16 AWG Solid TFN Twisted Blue jacketed pair (Purple/Gray)

MAXIMUM VOLTAGE RATING

600V



45Deg Squeeze Connectors Malleable Iron

90Deg Squeeze Connectors Malleable Iron

Quicklock Tye Connector - Single

Double Bite Saddle Type Connector

45DEG Double Bite Saddle Type Connector

DBL Bite Saddle Type Compression Connector

DBL Bite Saddle Type Set Screw Coupling

DBL Bite Saddle Type Space Saver Connector



Product Code 250 FT Reels	Product Code 1000 FT Reels	Control Cable	Copper Conductor Type	Ground	Bare Alum Bond Cond. AWG	Approx. Weight lbs/1000ft	Approx. Armor O.D. (IN)								
LH04-42-500	LH04-60-500	16-2 (1TPJ) (Purple, Gray) 12-2 (Black, White)	Solid	12 (Green)	10	196.8	0.708	MSC3845KON MSC3845-ICKON	MSC3890KON MSC3890-IC-KON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH04-42-504	LH04-60-504	16-2 (1TPJ) (Purple, Gray) 12-2 (Red, White)	Solid	12 (Green)	10	196.8	0.708	MSC3845KON MSC3845-ICKON	MSC3890KON MSC3890-IC-KON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH04-42-505	LH04-60-505	16-2 (1TPJ) (Purple, Gray) 12-2 (Blue, White)	Solid	12 (Green)	10	196.8	0.708	MSC3845KON MSC3845-ICKON	MSC3890KON MSC3890-IC-KON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH04-42-501	LH04-60-501	16-2 (1TPJ) (Purple, Gray) 12-2 (Brown, Gray)	Solid	12 (Green)	10	196.8	0.708	MSC3845KON MSC3845-ICKON	MSC3890KON MSC3890-IC-KON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH04-42-502	LH04-60-502	16-2 (1TPJ) (Purple, Gray) 12-2 (Orange, Gray)	Solid	12 (Green)	10	196.8	0.708	MSC3845KON MSC3845-ICKON	MSC3890KON MSC3890-IC-KON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH04-42-503	LH04-60-503	16-2 (1TPJ) (Purple, Gray) 12-2 (Yellow, Gray)	Solid	12 (Green)	10	196.8	0.708	MSC3845KON MSC3845-ICKON	MSC3890KON MSC3890-IC-KON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH05-42-500	LH05-60-500	16-2 (1TPJ) (Purple, Gray) 12-3 (Black, Red, White)	Solid	12 (Green)	10	226.9	0.739	MSC35045KON MSC35045-ICKON	MSC5090KON MSC5090-ICKON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH05-42-501	LH05-60-501	16-2 (1TPJ) (Purple, Gray) 12-3 (Brown, Orange Gray)	Solid	12 (Green)	10	226.9	0.739	MSC35045KON MSC35045-ICKON	MSC5090KON MSC5090-ICKON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH07-42-500	LH07-60-500	16-2 (1TPJ) (Purple, Gray) 10-2 (Black, White)	Solid	10 (Green)	10	256.4	0.783	MSC35045KON MSC35045-ICKON	MSC5090KON MSC5090-ICKON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
LH07-42-501	LH07-60-501	16-2 (1TPJ) (Purple, Gray) 10-2 (Brown, Gray)	Solid	10 (Green)	10	256.4	0.783	MSC35045KON MSC35045-ICKON	MSC5090KON MSC5090-ICKON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC50KON	DBS50KON	SSC50-DBKON
HCF MC LUMINARY STRANDED															
LH58-42-500	LH58-60-500	16-2 (1TPJ) (Purple, Gray) 12-2 (Black, White)	Stranded	12 (Green)	10	202.4	0.725	MSC35045KON MSC35045-ICKON	MSC5090KON MSC5090-ICKON	QL-75KON	DB50-ICKON	DB5045-ICKON	DBC75KON	DBS50KON	SSC50-DBKON

Note: If ordering Konkore, add "KON" Suffix to Part Number

MC Luminary HCF™ Lite