

MC LUMINARY HCF™ LITE CABLES *U.S. Patent Pending

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

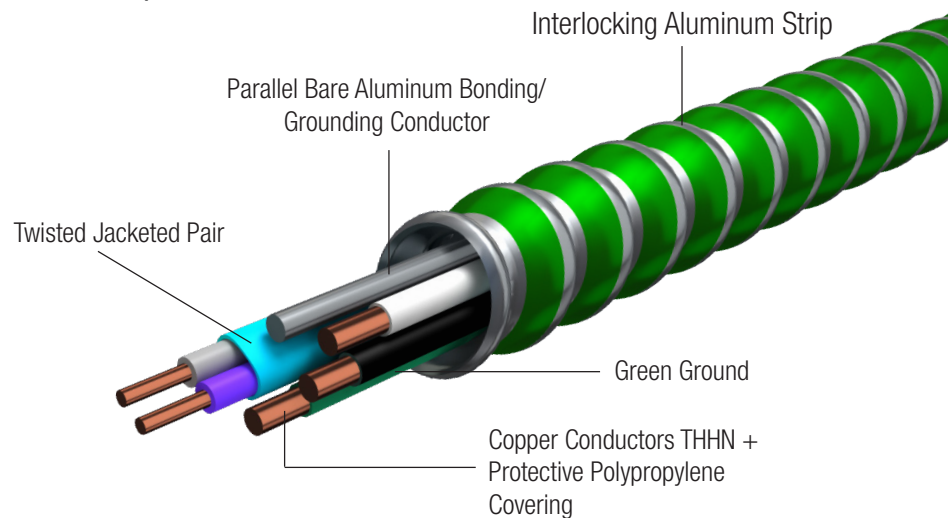
90°C (Dry)

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