



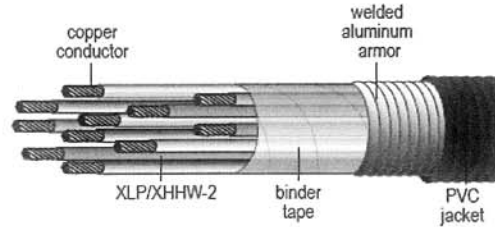
Guiding the Way

# BKONARMOR-FLEX

Separation Distance 0'-1000'

## IMPERVIOUS ARMOR LED FLASH HEAD CABLE PERFECT FOR HAZARDOUS LOCATIONS

**600 Volt UL Type MC, CT USE, 90°C  
XLP XHHW-2 Insulation  
Aluminum Armor  
Copper Conductors**



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness Mils	Armor Diameter Inch	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft	NEMA4X Aluminum Connector Number	NEMA4X C1D2 Stainless Steel Connector Number
D1W00714	14	7	7	30	0.58	50	0.69	250	D1WA0205	D1WSS0205
D1RW00914	14	9	7	30	0.7	50	0.81	320	D1RWA0305	D1RWSS0305

### APPLICATION:

For use in harsh environments where maximum conductor protection is required. Impervious armor prevents the entrance of water, gas and corrosive elements into the electrical core. Used for power, control and lighting circuits in a broad range of commercial and industrial pulp and paper, mining, and petroleum applications. Approved for use in wet or dry locations at 90°C, for installation indoors or outdoors, aerially, in conduits, ducts, cable trays or direct burial in circuits not exceeding 600 volts. May be used in NEC Class I and II, Division 2 and Class III, Division 1 and 2 hazardous locations. UL approved for use at 90°C for continuous operation, 130°C for emergency overload conditions, and 250°C for short circuit conditions. Impervious continuously welded corrugated armor cable is recommended as an economical alternative to wire in conduit systems.

### CONDUCTORS:

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

### INSULATION:

Cross-linked polyethylene (XLP) per ICEA S-95-658 and UL Standard 44 for Type XHHW-2 conductors

### ARMOR:

Impervious continuously welded and corrugated aluminum

### JACKET:

Black sunlight-resistant PVC

### FLAME TESTS:

- UL 1581 (70,000 BTU/hr) Flame Test
- ICEA T-30-520 (70,000 BTU/hr) Flame Test
- IEEE 383 (70,000 BTU/hr) Flame Test
- IEEE 1202 Flame Test
- ICEA T-29-520 (210,000 BTU/hr) Flame Test

### COLOR CODE:

ICEA Method 1, Table E-2

### ADDITIONAL STANDARDS:

- UL listed, NEC Type MC, UL Standard 1569
- UL listed Type CWCMC to IEEE 45/IEEE 1580 (46 CFR Part 111.60-23) Marine Shipboard Cable
- Meets requirements of CSA-C22.2 No. 0.3, -40°C cold impact test

### CONNECTORS:

- Explosion Proof, Class 1 Division 2: 424CU series – aluminum exterior components, nickel-plated brass interior components
- Rain Tight: 416MC series – all nickel-plated brass