**Scope**

Exane® MR multi-conductor control cables, armored & unarmored, rated 1KV, 2KV and 2KV(HD); 125˚C ITS/UL/CSA Marine Shipboard Rated at 110˚C

**Features**

- Thermoset insulation
- Heat, sunlight, & moisture resistant
- Extremely flame retardant
- Easy to install
- Easy to strip – has no separator tape
- Extremely flexible
- Flexible Tin-coated conductors for improved terminations and corrosion resistance
- Pigmented insulation with vivid colors
- Passes the UL 2225 Crush & Impact Test requirements for Type MC-HL
- Passes minus 55˚C cold bend
- Passes minus 40˚C cold impact

**Performance Standards**

- IEEE 45/1580 Type P
- UL 1309 X110 Marine Shipboard Cable
- CSA C22.2 No. 245 X110 Marine Shipboard
- Intertek Testing Service (ETL) certified as Type P
- Passes IEEE 1202 & FT-4, 70,000 Btu/hr Vertical Tray Flame Tests
- Passes the IEC 60332-3-22 Category A/F Flame Test
- Type Approved by ABS, DNV GL and Lloyd’s Register NA
- Armored & Sheathed cables are suitable for use in Class 1, Division 1 and Zone 1 hazardous locations
- Unarmored cables are suitable for use in Class 1, Div 2 & Zone 2
- Excellent drilling fluid and mud resistance to IEC 61892-4-Annex D
- Includes oils called out in NEK 606

**Construction**

**Conductor:** Flexible, soft annealed tinned copper per ASTM B33 & IEEE 1580

**Insulation:** Irradiation cross-linked Polyolefin, Exane® 125˚C

**Circuit Identification:** Standard – Vivid pigmented insulation colors per IEEE 1580. Optional – Dk. Gray + No’s

**Fillers:** When required, flame retardant and non-hygrosopic

**Inner Jacket:** Black, Irradiation cross-linked chlorosulfonated Polyethylene (CSPE). Sunlight resistant

**Armor (optional):** Bronze Braid – Standard. Tinned Copper Braid – Optional

**Outer Jacket (optional):** Black, Irradiation cross-linked chlorosulfonated Polyethylene (CSPE). Sunlight resistant

**Temperature Rating:** RSCC Wire & Cable rated 125˚C, UL/CSA 110oC, IEEE 100˚C