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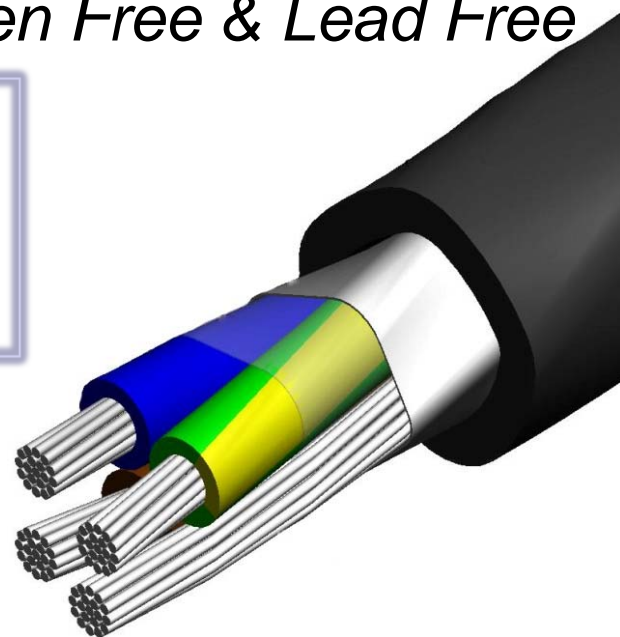
FLEXRAD® HF PLTC-ITC

105°C 300 Volt HFXLPE Halogen Free & Lead Free

Judd Wire's FLEXRAD® HF PLTC-ITC (Halogen-Free Power Limited Tray Cable) is a family of specially designed Halogen Free multi conductor cables, rated by UL and CUL, for a wide variety of uses. FLEXRAD® HF PLTC-ITC is constructed using highly flexible radiation cross-linked 0 halogen polyethylene insulation and jacket.

Product Features:

- Temperature Rated: -40°C to 105°C
- Halogen Free
- Highly Flexible
- Low Toxicity
- Environmentally Friendly
- Chemical Resistant
- Low smoke
- Lead Free
- No Corrosive Gases
- Shrink & Melt Resistant
- Flame Retardant Rating VW-1
- Approved to UL Subj. 13 PLTC-CL2/CL3 per NEC article 725 and AWM.
- CUL listed I/II, A/B.
- Approved for use in article 725 and carries UL approval for use in cable trays

Applications:

- Process Control
- Instrumentation
- Safety Systems
- Security
- Nuclear
- Pulp and Paper
- Rail Transit Infrastructure
- Point of Sale Systems

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FLEXRAD® HF PLTC-ITC

Compliant to the following performance standards:

Flame Tests

- IEC 60332-3-24 Cat C Vertical Flame Test
- IEEE 1202 70,000 BTU Vertical Flame Test
- UL 1685 FT 4/IEC 332-1 Vertical Bunch Flame Test
- UL 1581 Vertical Tray Test With Smoke Measurement
- UL1581/IEEE 383 (1974) Vertical Tray Flame Test. 70 KBTU/210 KBTU
- IEEE 383 (2003) Vertical Tray Flame Test/UL 758 Vertical Flame Test

Materials Tests

- IEC 60754-1 and -2 0 Halogen Test
- IEC 61034 Smoke Density Test

Judd Wire PLTC-ITC cables - Designed for harsh environments

- UL tested and marked "Sunlight Resistant"
- Capable of performing in a wide operating temperature range
- -40°C to 105°C as recognized by both UL and CUL.

Instrumentation Tray Cable Type ITC

- Complies with UL standard 2250 using conductors sized from 22 to 12 AWG
- Cables rated to 300 volts, used in circuits operating at 150 volts or less.
- ITC cables are suitable for use in hazardous locations under certain circumstances,
- in cable trays as well as conduit. In addition, ITC cables can be installed
- aerially or under the raised floor of a control room.

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