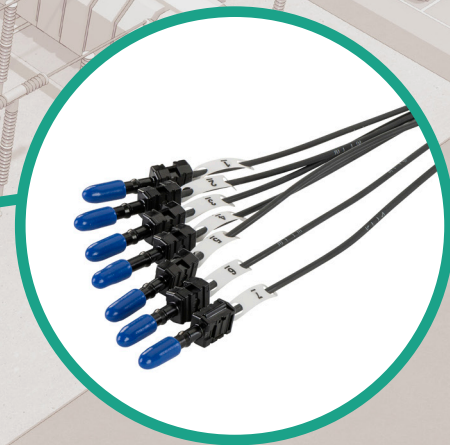


HFBR Plastic Optical Fiber (POF)

Fiber optic cable assemblies for high voltage applications



Features

- Contains no hygroscopic elements
- Constructed entirely of dielectric material
- Long operational life
- Fully RoHS and REACH compliant
- Single cable, 7-cable assembly, and other configurations available upon request

Benefits

- Robust Eca cable where the fiber is glued to connectors and guarantees safe, long-term use for over 40 years.
- Free of conductive materials ideal for HVDC and HVAC application
- High-end surface quality for maximum performance

Specifications

- Operating temperature: -40°C to 70°C
- $\lambda = 650 \text{ nm} \leq 0.23 \text{ dB/m}$ (typical)
- Max. field strengths DC 1.2kV/cm, AC 2.1kVms/sm
- Cable bundle bending radius: 40mm
- Cable bundle tensile strength: 150N



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