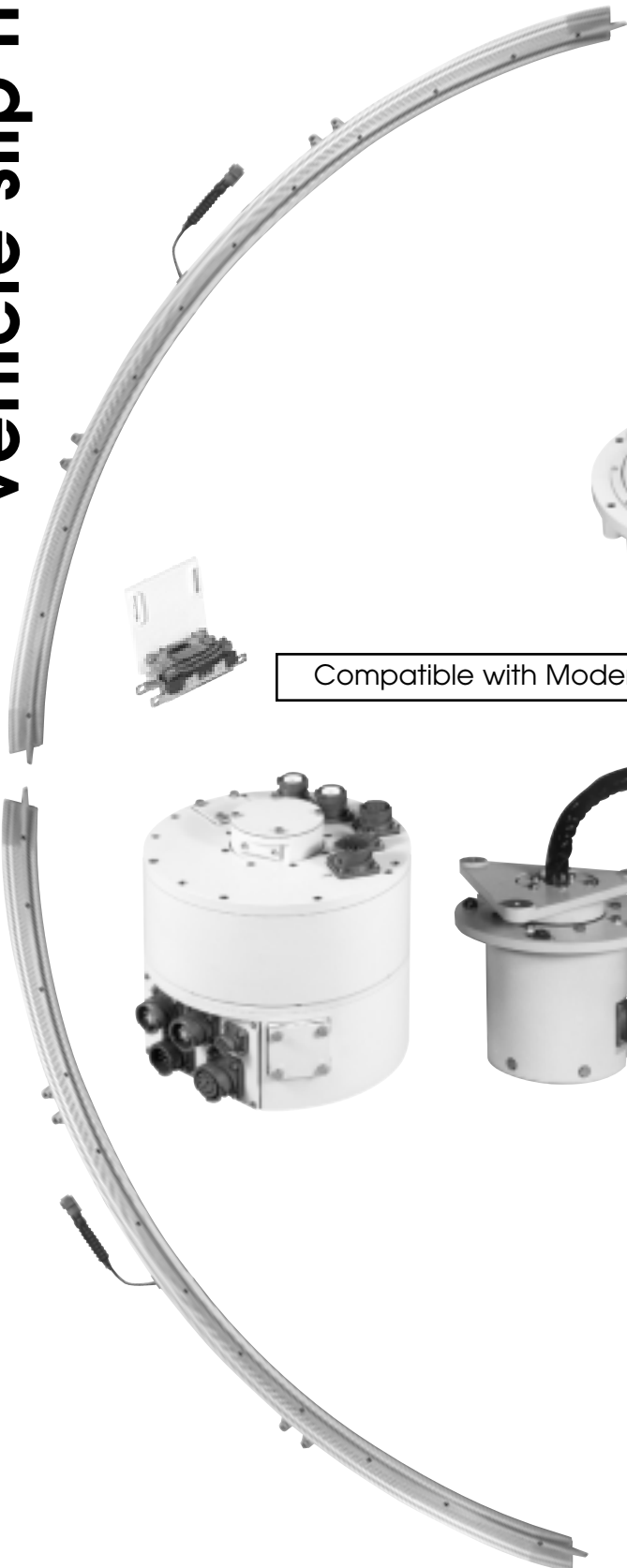


vehicle slip ring

- High Speed Digital Transmission
- Hydraulic/Pneumatic Interfaces
- Environmental Sealing
- Cam Operated Micro Switches
- Switching Circuits for timing or positioning
- High Frequency Coax
- Provisions for encoders, fiber optic lines, rotary joints



Compatible with Modern Data Transmission Cables



Airflyte has extensive experience in designing and manufacturing slip ring assemblies for tracked and light armored vehicles, tanks, personnel carriers, periscopes, mobile missile launchers, and turret applications that require a reliable rotary electrical interface. Airflyte vehicle slip rings range in size from 6" or less in outside diameter and height, to slip rings that are built in sections, that when assembled, encompass a 10 foot diameter. Airflyte vehicle slip rings endure the most severe battlefield conditions while maintaining continuity on all circuits, including sensitive low level signals that are crucial for the support of modern day communications.

A typical vehicle slip ring has up to 100 signal lines that include communication, video monitoring, and high-speed digital data. Several high current rings are used to power the turret, while medium power lines are necessary for the operation of electronic accessories.