

Casmo Cable

Parameter	Range / Capability	Recommended Application
Conductor Type	Copper / Silver-plated copper	Power & instrumentation circuits
Voltage Rating	300V – 15kV	Class 1E & Non-Class 1E systems
Temperature	-40°C to 200°C	High temperature nuclear environments
Radiation Resistance	Up to 350 MRad	LOCA-tested safety circuits
Flame Retardancy	IEC 60332-3	Reactor containment & BOP
Smoke / Halogen	Low smoke, halogen-free	Safety-critical areas
Insulation Material	PTFE, FEP, XLPE	Radiation-resistant nuclear cables
Typical Service Life	40–60 years	Long-term plant operation