HITRONIC® FIRE- A/J-DQ(ZN)BH(SR)H- security cable with central loose tube, inner and outer sheath, corrugated steel tape, with single-mode or multimode fibres

- A/J-DQ(ZN)BH(SR)H or U-DQ(ZN)BH(SR)H
- Fire-resistant for at least 180 minutes in the event of fire

HALOGEN FREE	HEAT RESISTANT	MACHINE INDUSTRY	MECHANICAL RESISTANCE	OIL & GAS	UV RESISTANT	WATERPROOF
✔	✔	✔	✔	✔	✔	✔

RoHS ✔

Product description

Application range

- In industrial areas that use fire as a tool
- Highly combustible or fire-prone areas
- For indoor and outdoor use
- Methods of Deployment: empty plastic pipes, ducts and trays

Benefits

- Ensures that the fibres can still transmit
  data during and after a fire
  (according to IEC 60331-25)
- Suitable for installation in underground
  tunnels where fire safety is critical
- Additional sheath protects the fibres for use in harsh environments
- Armouring provides excellent protection

against high mechanical stress and rodents
- UV-resistant
longitudinally and laterally watertight

Product Make-up

- Gel-filled loose tube
- Water-blocking reinforced glass yarn strain relief
- Corrugated steel tape armour
- LSZH inner and outer sheaths
- Colour: black (RAL 9005)

Product features

- Fire behaviour:
  - Halogen-free (IEC 60754-1)
  - Flame-retardant (IEC 60332-3)
  - Low smoke density (IEC 61034-1/2)
  - Circuit integrity (IEC 60331-25);
  Optical fibre cables
- Central loose tube with up to 24 fibres
- Colour-coded fibres
- Longitudinal watertight
- Flame-retardant and halogen-free
  outer sheath

Technical Data

Optical fibre type	Core material: glass
	Cladding material: glass
Temperature range	Fixed installation: -30°C to +70°C
Permissible bending radius	Static: ? 15 x outer diameter
	Dynamic: ? 20 x outer diameter
Permissible tensile force	Fixed installation: 1500 N
	Short-term: 2200 N