



HITRONIC® HVW armoured outdoor cable with stranded loose tubes, corrugated steel tape; A-DQ(ZN)B2Y(SR)2Y nx12 single-mode or multimode fibres

- A-DQ(ZN)B2Y(SR)2Y
- Outdoor cable with corrugated steel tape armour, stranded loose tubes and non-metallic strain relief



Product description

Application range

- Methods of Deployment: empty plastic pipes, ducts and trays
- For outdoor use
- Campus backbone
- WAN applications
- Industrial environments

Benefits

- Armouring provides excellent protection against high mechanical stress and rodents
- Suitable for direct burial
- Easy to install due to the compact design, high flexibility, robust sheath and small bending radii
- UV-resistant longitudinally and laterally watertight

Product Make-up

- Up to 12 stranded gel-filled loose tubes
- Water-blocking reinforced glass yarn strain relief
- Corrugated steel tape armour
- PE outer sheath
- Colour: black (RAL 9005)

Product features

- Stranded loose tubes with up to 144 fibres (12 loose tubes with each 12 fibres)
- Colour-coded fibres and loose tubes
- Longitudinal watertight
- Excellent rodent protection
- Robust, halogen-free outer sheath

Technical Data

Optical fibre type

Temperature range

Permissible bending radius

Permissible tensile force

Core material: glass

Cladding material: glass

Fixed installation: -40°C to +70°C

Static: ? 15 x outer diameter

Dynamic: ? 20 x outer diameter

Fixed installation: 3000 N

Short-term: 5000 N