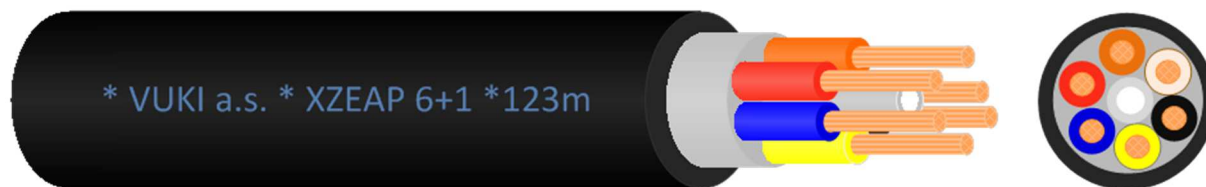


CABLES / KÁBLE

6. SPECIAL CABLES / XZEAP, XZESP



Geophysical cables



6. Special cables

Application:

Connecting geophysical cables (6-cores with tube) are used for switching of measuring underground sound and evaluation unit in the hydrogeological applications. Cables have perfect mechanical properties, mostly abrasiveness resistance. They may be exposed to long-term water impact. Cables are oil resistant.

Cable construction:

- **Core:** stranded Cu cross-section $0,35 \text{ mm}^2$, or FeZn wire with diameter up to $0,35 \text{ mm}$
- **Conductors insulation:** PE
- Central air tube with inner diameter $0,8 \text{ mm}$
- **Insulation of inner tube:** PE
- **Braiding:** CuSn covering 70 %, only for type XZESP
- **Insulation over braiding:** PET foil
- **Sheath cable:** special PUR, color black or other if required

Technical data:

- **Insulation resistance at 20 °C:** min. 100 [$\text{M}\Omega \cdot \text{km}$]
- **Specific dielectric strenght:** 1000 V/ 50 Hz
- **Operating temperature:** $-20 \text{ }^\circ\text{C}$ to $+60 \text{ }^\circ\text{C}$
- **Min. bend radius:** 10 x cable diameter

Marking:

- **Conductors colour:** red, blue, yellow, black, natural, orange

XZESP 6 + 1 - shielded cable 6-cores with tube

XZEAP 6 + 1 - unshielded cable 6-cores with tube

XZEAP 4+2+ 1 - unshielded cable 6-cores with tube

2 conductors with FeZn wire with diameter max. $0,35 \text{ mm}$.



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The information supplied on this data sheet complies with our current level of knowledge by the date of publication. These information can be revised if there are any new knowledge and experiences available. Stated data are valid only for VUKI products. Any data changes in this documentation are restricted. Values in this documentation consider as informative data.

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