

Screened control cable FABER[®] (ICA) Mining



Application: For signal transmission between electronic devices, in computer systems, process control units in open-cast mining applications. For installation along conveyor belts and on material handling equipment.

- cores into pairs
- fleece tape
- inner sheath
- common screen
- fleece tape
- outer sheath

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	extra fine stranded (better than cl. 5)
Insulation:	TPE-E
Stranding unit:	Pair
Core wrapping:	fleece
Material inner sheath:	polyurethan
Screen:	tinned copper braid
Screen coverage:	85 %
Sheathing material:	polyurethan
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Oil-resistant:	EN 60811-404
Max. temperature at conductor, °C:	80 °C
Permitted outer cable temperature, fixed, °C:	-50 - +80 °C
Permitted outer cable temperature, moved, °C:	-30 - +80 °C
Bending radius, moving application:	10 x Ø
Maximum tensile strength at the conductor:	15 N/mm ²



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

FABER[®] (ICA) MINING**Nominal voltage U:** 1 kV**Test voltage:** 2.5 kV**Core identification:** white with black numbers

part no.	part name	RI [Ohm/km]	Ibl [A]	Ø [mm]	Cu	G [kg]
037885	FABER (ICA) Mining 02x2x1 BK	19.5	7.5	10.2	68	153
037886	FABER (ICA) Mining 05x2x1 BK	19.5	5.5	14.1	143	297
037887	FABER (ICA) Mining 10x2x1 BK	19.5	4	19.9	332	583
037888	FABER (ICA) Mining 20x2x1 BK	19.5	3.5	23.8	487	843

RI | Conductor resistance

Ibl | Ampacity in air (30 °C)

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000