

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.

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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