



SAMCON SKA02
sectional view

SAMCON[®] SKA02

The **SKA02** is a system cable for analog camera systems.
(System Kabel Analog 02)

The **SKA02** was developed to be used in hazardous areas. It meets the requirements for cables and wires according to DIN EN 60079-14. The cable can be inserted directly into flameproof enclosures.

Data.

Mechanical characteristics (1):

Outer diameter:	ca. 9.4mm
Maximum bending radius:	150mm
Outer sheath material:	PUR - Flame retardant according to IEC 60322-1-2 1KW flame, MUD resistant, Oil resistant ($T_{oil\ max} = 100^{\circ}C$, IRM2, test period of 7 days 40% elongation and 40% tensile strength)
Colour outer sheath:	RAL 9005 matt
Color of the printing:	TSD white
Printing:	„SAMCON GmbH SKA02 +Art.-Nr. 0001004033 / Koax 75OHM 2x2x0.25mm ² +4x0.75mm ² “
Twisting:	Coax. + Twisted Pair + Power + fleece banding + sheath

Video signal cable (2):

Typ:	coaxial
Core:	19x0.127 mm tinnend=AWG24
Dielectric material:	Polyolefine
Core diameter dielectric:	2.80 +- 0,10 mm
Color dielectric:	nature
Shield:	Plated copper braid., 90% density
Sheath material:	TPE-black
Sheath diameter:	4.00 mm
Impedance:	75 Ohm
Capacitance:	58 pF/m

Control signal cable (3):

Typ:	Twisted Pair
Conductor:	2x2x0.25mm ² closed Cu shielded per conductor: plain copper 19x0.127 mm BR, YE; OR, GN
Sheath:	double wrapping foil

Power Elements (4):

Typ:	single conductors
Conductors:	4x0.75mm ² per conductor: 42x0.15mm blank
Isolation:	Polyolefine
Colours of conductors:	RD, BK, GR, WH