

# Screened flat cable

## 05VCVD3H6-F



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**Application:** For signal and telecommunication transmission in crane systems, machine tools with mobile cameras, in dry and damp rooms.

### Construction and technical data:

<b>Standard:</b>	DIN VDE 0250 (with ref. to)
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	PVC
<b>Stranding unit:</b>	Four strand
<b>Stranding:</b>	bunch parallel side by side
<b>Screen:</b>	copper wires
<b>Screen coverage:</b>	70 %
<b>Strength member:</b>	two steel ropes alongside the outer cores
<b>Sheathing material:</b>	PVC
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Max. temperature at conductor, °C:</b>	70 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-30 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-25 - +70 °C
<b>Bending radius, fixed installation:</b>	15 x Ø
<b>Bending radius, moving application:</b>	15 x Ø



*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.*

**05VCVD3H6-F**

**Nominal voltage U<sub>o</sub>:** 300 V  
**Nominal voltage U:** 500 V  
**Test voltage:** 2 kV  
**Protective conductor:** yes  
**Core identification:** yellow, green, red, blue

part no.	part name	RI [Ohm/km]	w [mm]	h [mm]	Ø [mm]	Cu	G [kg]
031859	5X4X0.5 BK screened flat cable with supporting element	39	39.7	7.8	8	183	420

RI	Conductor resistance
w	Width
h	Height
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000