

Item-Number			Type	Number of croes	Cross section	Width (MM)	Thickness of sheath (MM)	Shape
EKM 805 00	54	24	TVVBPG	24*0.75+2*2 P*0.75	53.3	9	1024	Twist
EKM 805 00	54	30	TVVBPG	30*0.75+2*2 P*0.75	61.3	8.3	1119	Twist
EKM 805 00	54	36	TVVBPG	36*0.75+2*2 P*0.75	65	9	1252	Twist
EKM 805 00	54	40	TVVBPG	40*0.75+2*2 P*0.75	72.4	8.3	1298	Twist
EKM 805 00	54	42	TVVBPG	42*0.75+2*2 P*0.75	72.2	9	1392	Twist
EKM 805 00	54	48	TVVBPG	48*0.75+2*2 P*0.75	78.3	9	1499	Twist
EKM 805 00	54	54	TVVBPG	54*0.75+2*2 P*0.75	84.5	9	1606	Twist
EKM 805 00	54	60	TVVBPG	60*0.75+2*2 P*0.75	90.6	9	1714	Twist
EKM 805 00	54	66	TVVBPG	66*0.75+2*2 P*0.75	96.8	9	1821	Twist

**Technical data:**

Three kinds of shielding: aluminum foil; bare copper; aluminum foil+bare copper

Rated voltage: 300/500V

Test voltage: 2500V

Minimum bending radius:  $0.3m \leq L \leq 0.6M$

Burning vertically test: GB/T1 8380.1-2001

IEC60332-1:1993 test passed

Used under the normal conditions ,temperature of conductor is lower then 70

Temperature range:-15 to +70

**Standards:**

GB5023.6, IEC60227-6, EN50214

**Applications:**

As control and signal cable for elevator as well as moving machine parts, its bending radius is smaller compared with round cables due to the closely packed shielded cores or bundles, It can be installed in dry and damp rooms. The copper shielded single or respectively bundled cores make this cable ideally suit for the situations where there are electromagnetic compatibility interference(EMC)

**Structure:**

Conductor: Fine strands of bare copper wire, acc. to VDE 0295,class 5

Insulation: special PVC

Colour: yellow, white, orange with black number digital coding

Support: steel rope

COAX: Optional

Sheath: flexible PVC, cold resistance, flame resistance

Colour: Grey(RAL 7001)