

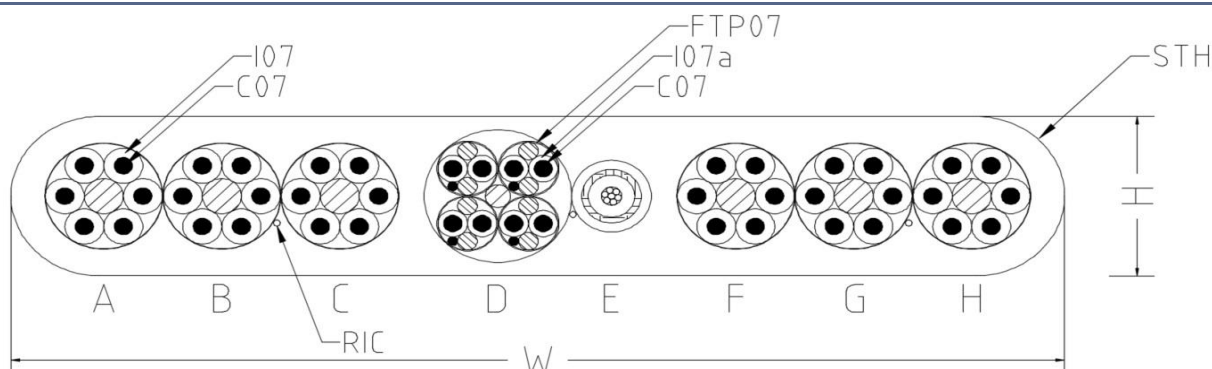
D05VEA7VH6-F 36x0,75+4x(2x0,75)ST+CX

flat elevator travelling cable

PRELIMINARY

material code

20315881



Construction

C07	Conductor 0,75 mm²	flexible stranded bare copper class 5	
I07	Insulation	special PVC compound according to EN 50363-3 TI 2	
I07a	Insulation	cellular polyethylene copolymer	
FTP07	Foiled twisted pair (2x0,75)ST	cores twisted with filler(s) and drain wire	
		shield AIPET tape 100% optical coverage	
A, B, C	Strand	elements stranded with filler(s)	
F, G, H		containment tape	
D	Strand	FTP07 stranded with filler(s)	
		containment tape	
E	Coaxial cable	characteristic impedance 75 Ohm	
		for details see annex	COAX002
RIC	Ripcord	for removing sheath material	
	Separation	talcum for elements - sheath separation	
STH	Sheath	special PVC compound according to EN 50363-4-1 TM 2	
		black similar to RAL9005	
		surface without knurling	

Elements identification

Strand	Cores, color codes and numbers	Description
A	6x0,75 WH#1-6	white with black numbers
B	6x0,75 WH#7-12	white with black numbers
C	6x0,75 WH#13-18	white with black numbers
D	4x(2x0,75)ST YE#1-2; 3-4; 5-6; 7-8	yellow with black numbers
E	1xCX GY	grey sheath
F	6x0,75 WH#19-24	white with black numbers
G	6x0,75 WH#25-30	white with black numbers
H	6x0,75 WH#31-36	white with black numbers

Cable marking

DRAKA 07 D05VEA7VH6-F 36x0,75+4x(2x0,75)ST+CX order number I meter mark Made in EU
Repeated without meter mark in half of meter

Application

Flat, flexible travelling cable for use in passenger and goods lifts (elevators).

Electrical data

Element (type, cross-section)	Rated Voltage U0/U (V)	Test voltage core-core (V)	Test voltage core-screen (V)	Resistance single conductor (Ω/km)	Impedance @100 kHz (Ohm ±15%)
Power cores 0,75 mm ²	300/500	2000	-	26,00	-
Signal pairs/cores FTP 2x0,75	100/100	1500	1000	26,00	80,0

Technical data

Maximum Free Suspension Length m	Maximum Travel Height (approx.) m	Maximum Travelling Speed m/s	Cable Dimensions		Standard Length m
			W (approx.) mm	H (approx.) mm	
45	80	4,0	62,0 ± 3	11,0 ± 0,5	750

Min. Bending Radius Static x cable height	Natural loop (Static Flexibility) mm	Operating Temp. Min. °C	Operating Temp. Max. °C	Standards	Rec. Suspension Device	Cable Net Weight (approx.) kg/km
15,0	580	-15,0	70,0	Similar to EN 50214	FCSD-3	1193,0

Notes

REV 20200131

ANNEX COAX002

MICRO COAXIAL FLEX 5/ 75Ω

Application

For installations in analogue and/or digital telephone switch boards.

Construction

Inner conductor	Stranded tinned electrolytic cooper 7 x 0,20 mm diameter
Insulation	High density polyethylene celular, nominal diameter: 2,75 mm
Outer conductor	Tinned electrolytic cooper coverage 90% and coverage 81%.
Sheath	PVC in acc. IEC-502, IEC-60502, nominal diameter 4,70 mm
Printing	DRAKA DCI FLEX-5/75 3623L10 <batch number> <meter marking>m

Electrical properties

at 20°C

DC resistance	Inner conductor / Outer conductor	<95 Ω/km / <9 Ω/km
Mutual capacitance		62 nF/km
Characteristic impedance		75 Ω
Insulation resistance		> 10,000 MOhm.km

Electrical data (nominal)

at 20°C

Frequency (MHz)	Attenuation (db / 100m)	Frequency (MHz)	Return loss (dB)
0,05	0,7	0,060 - 0,8	> 21
0,50	1,1	0,8 - 20	> 25
1,00	1,5	20 - 50	> 23
4,00	2,9		
10,0	4,7		
12,0	5,1		
17,0	6,1		
20,0	6,6		
30,0	7,7		
50,0	10,0		

Technical data

Color	nominal diameter
-	mm
grey	4,7