

# EVC546



## Female cordset

ADOGH050MSS0010K05



### Application

System	Free from silicone; Halogen-free; gold-plated contacts; screened cable; Drag chain suitability
Free from silicone	yes

### Electrical data

Operating voltage [V]	< 30 AC / < 36 DC
Protection class	III
Max. current load total [A]	4
Overall current rating (UL) [A]	3

### Operating conditions

Ambient temperature [°C]	-25...90
Note on ambient temperature	cULus: ...75
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75
Protection	IP 65; IP 67

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Mechanical data		
Weight [g]	403	
Dimensions [mm]	15.5 x 15.5 x 45	
Material	housing: TPU (urethane) orange; sealing: FKM	
Material nut	brass, nickel-plated	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s <sup>2</sup>
	Bending cycles	≥ 2 Mio.
	Torsional strain	± 180 °/m

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 10 m, PUR, Halogen-free, black, Ø 4.9 mm, screened; 5 x 0.25 mm <sup>2</sup> (32 x Ø 0.1 mm )	

Electrical connection - Socket	
Connector: 1 x M12, straight; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: shield connected	



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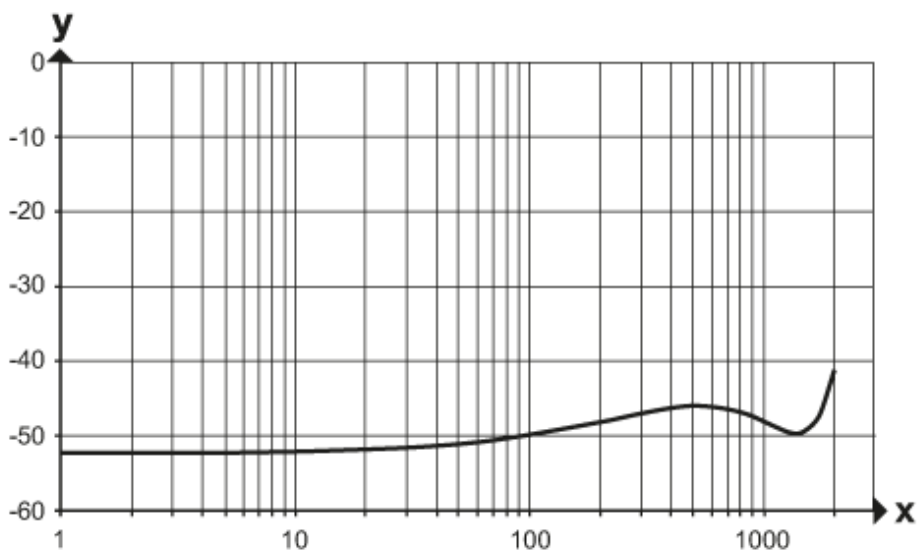


Core colors :

BK =	black
BN =	brown
BU =	blue
GY =	grey
WH =	white

### Diagrams and graphs

Shielding characteristics



x Frequency (MHz)  
y Shielding characteristics (dB)  
according to DIN EN 60512-23-3