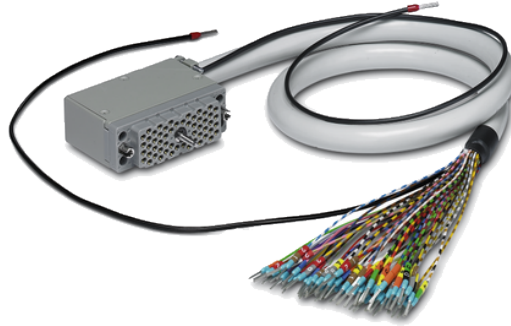


## CABLE-EC56/F/OE/0,34/S/...

### Description

Assembled round cable with ELCO/EDAC connector on one side and open end leads with marked ferrules on other side (1:1 connection). This cable can be used as mating part of the electronics or controller module having male ELCO (8016 series) and EDAC (516 series) or equivalent connector.

- Following features characterize these cables:
- ELCO/EDAC connectors to connect to ELCO interface boards
  - Lineup of VARIOFACE termination boards
  - Standard length in variables of 5 meters
  - Variable lengths available upon request
  - Braided shield is routed to a separate cable end fitted with a ferrule
  - According to UL AWM, style 2464 / CSA



Note: Picture shows a similar product

### Order Data

Type / Model No.	Article No. / Order No.
CABLE-EC56/F/OE/0,34/S/05M	5011001
CABLE-EC56/F/OE/0,34/S/10M	5011002
CABLE-EC56/F/OE/0,34/S/15M	5011003
CABLE-EC56/F/OE/0,34/S/20M	5011004
CABLE-EC56/F/OE/0,34/S/25M	5011005
CABLE-EC56/F/OE/0,34/S/30M	5011006
CABLE-EC56/F/OE/0,34/S/35M	5011007
CABLE-EC56/F/OE/0,34/S/40M	5011008
CABLE-EC56/F/OE/0,34/S/45M	5011009
CABLE-EC56/F/OE/0,34/S/50M	5011010

### Technical Data

#### Cable

Cable	Assembled shielded round cable
Make	Klasing
No. of core	56 Cores
Conductor cross section	0.34mm <sup>2</sup>
Core diameter (approx.)	1.3mm
Conductor resistance	56 Ω/Km at 20°C
Core stranding/construction	19 x 0.15mm stranded copper wires (AWG22)
Outer diameter	14.10mm
Maximum permissible operating Voltage	25V AC/60V DC
Insulation Resistance	>100M Ohm x km
Overall Shield	Tinned copper braid – coverage >80%
Inner sheath material	Semi-rigid PVC (UL-style 1061)
Inner core color	Color coded to DIN 47100 without repetition
Outer sheath material	PVC class 43
Outer sheath color	Grey (RAL 7035)
Flammability	Flame Retardant to IEC 60332-3-2
Operating temperature range	-20°C to +80°C

#### Connector

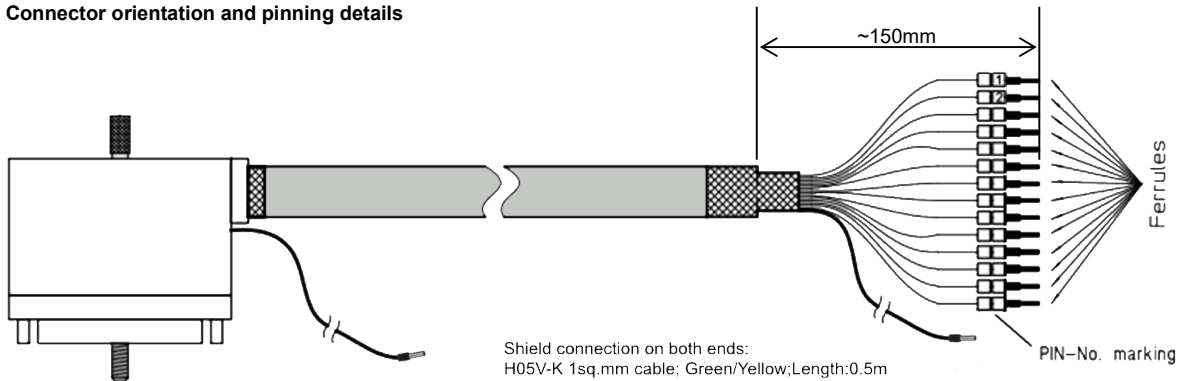
Type	Rectangular female type connector (single side)
Make	EDAC 516 series
No. of positions used	56
Receptacle insulation material	Polycarbonate, Grey color
Cover material	Die-cast zinc finished with grey enamel paint

**CABLE-EC56/F/OE/0,34/S/...**

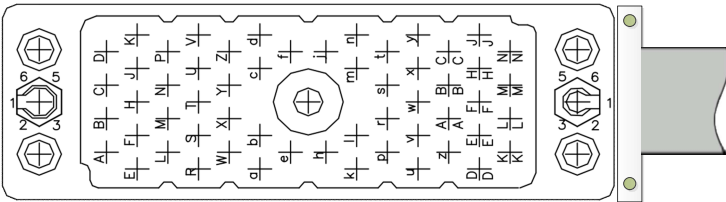
**Accessory**

Type / Model No.	Article No. / Order No.	Item Description	Scope of Supply
UMK- EC56/56-XOR	2975900	56 pos. VARIOFACE module with pin strip 8016 right above	no
UMK- EC56/56-XOL	2975890	56 pos. VARIOFACE module with pin strip 8016 left above	no

**Connector orientation and pinning details**



**External view**



## CABLE-EC56/F/OE/0,34/S/...

### Pinning/Mapping Details

Open-End Pin Nos.	Core Color	EDAC socket plug-in connector	Open-End Pin Nos.	Core Color	EDAC socket plug-in connector
1	white	A	29	pink-green	k
2	brown	B	30	yellow-pink	l
3	green	C	31	green-blue	m
4	yellow	D	32	yellow-blue	n
5	grey	E	33	green-red	p
6	pink	F	34	yellow-red	r
7	blue	H	35	green-black	s
8	red	J	36	yellow-black	t
9	black	K	37	grey-blue	u
10	violet	L	38	pink-blue	v
11	grey-pink	M	39	grey-red	w
12	red-blue	N	40	pink-red	x
13	white-green	P	41	grey-black	y
14	brown-green	R	42	pink-black	z
15	white-yellow	S	43	blue-black	AA
16	yellow-brown	T	44	red-black	BB
17	white-grey	U	45	white-brown-black	CC
18	grey-brown	V	46	yellow-green-black	DD
19	white-pink	W	47	grey-pink-black	EE
20	pink-grown	X	48	red-blue-black	FF
21	white-blue	a	49	white-green-black	HH
22	brown-blue	b	50	brown-green-black	JJ
23	white-red	c	51	white-yellow-black	KK
24	brown-red	d	52	yellow-brown-black	LL
25	white-black	e	53	white-grey-black	MM
26	brown-black	f	54	grey-brown-black	NN
27	grey-green	h	Y	white-pink-black	Y
28	yellow-grey	j	Z	pink-brown-black	Z