

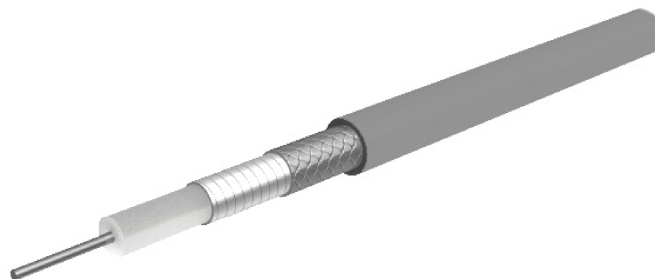
## Flexible microwave cable

### EACON\_6CI-010 Item:

### Description

Eacon: Field mountable flexible microwave cables

50 Ohm, 18 GHz, 85°C, ø8.2 mm, LSFH jacket



### Technical Data

#### Construction

	Material	Detail	Diameter
Centre conductor	Copper, Silver plated	Wire	2.05 mm
Dielectric	PTFE-LD		6.05 mm
Outer conductor	Copper, Silver plated	wrapped Foil, 100%	6.27 mm
Outer conductor	Copper, Silver plated	Braid	7 mm
Jacket	LSFH (modified polyethylene)	RAL 9005 - bk	8.2 mm

Print: HUBER+SUHNER EACON 6CI-010 50 OHM Lot-No.

#### Electrical Data

Impedance	50 Ω +/- 1
Operating Frequency	18 GHz
Capacitance	87 pF/m
Velocity of signal propagation	77 %
Signal delay	4.3 ns/m
Operating voltage	≤ 3.8 kV <sub>rms</sub> (at sea level)

#### Mechanical Data

Weight		14.4 kg/100 m
Min. bending radius	static	24 mm
	dynamic	40 mm

#### Environmental Data

Temperature range	-40 °C ... +85 °C
Flame propagation test	IEC 60332-1, UL 1581 § 1080 (VW-1), FAR 25.869
Halogen free	No
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
1907/2006/EC (REACH)	compliant
2000/53/EC (ELV)	compliant
2012/19/EU (WEEE)	no special marking needed

### Additional Information

#### Remarks

(For details refer to the HUBER+SUHNER RF CABLES GENERAL CATALOGUE or contact your nearest HUBER+SUHNER partner)

#### Suitable Connectors

Cable group	U97 EACON_6CI
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