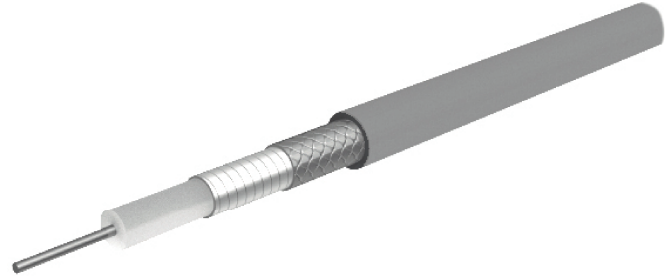


Flexible microwave cable EACON_6CI-010

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 _{rms} (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