

CX 01 BCF/BCM 1 pole + shield (each connector) 16A - 50V

- characteristics according to EN 61984:
CX 01 BC shielded connector
16A 50V 0,8kV 3
- certified
- rated voltage according to UL/CSA: 50V
- insulation resistance: $\geq 10\text{ G}\Omega$
- ambient temperature limit: $-40\text{ }^{\circ}\text{C} \dots +70\text{ }^{\circ}\text{C}$
- contact resistance: $\leq 1\text{ m}\Omega$
- mechanical life: ≥ 500 cycles
- for information on the crimping of contacts series CC (CX 01 BC shielded connector) and on the insertion/removal tools, see the section related to crimping tools (16A contacts, CCF and CCM series) on pages 708 - 741
- CX 01 BC shielded connector for **cable with a typical impedance of 50 Ω** (attenuation see below)
- suitable for **CX 02 B** (MIXO 2-seat holder) or **CX 1/2 BD** ("21.21" 1-seat adapter insert)
- female and male shielded connectors fit both in female and in male holder / adapter insert

shielded connectors



16A crimp contacts, silver and gold plated



description	part No.	part No.
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shielded BUS coaxial connectors, 1 pole + shield
female insert, one contact seat 16A (CCF) + shield
male insert, one contact seat 16A (CCM) + shield

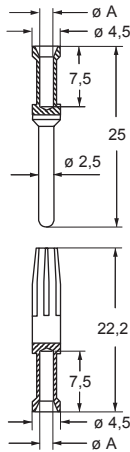
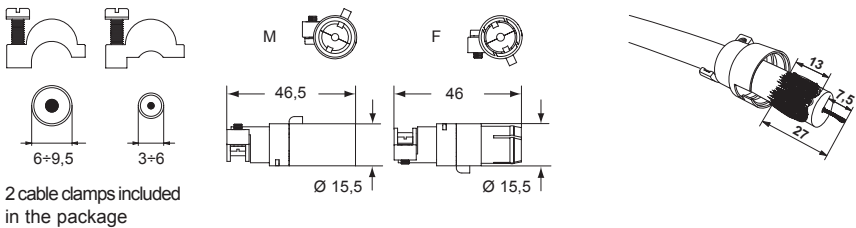
CX 01 BCF
CX 01 BCM

16A female crimp contacts		
0,14-0,37 mm ²	AWG 26-22	one groove
0,5 mm ²	AWG 20	with no grooves
0,75 mm ²	AWG 18	one groove (back side)
1 mm ²	AWG 18	one groove
1,5 mm ²	AWG 16	two grooves
2,5 mm ²	AWG 14	three grooves
3 mm ²	AWG 12	one wide groove
4 mm ²	AWG 12	with no grooves

16A male crimp contacts		
0,14-0,37 mm ²	AWG 26-22	one groove
0,5 mm ²	AWG 20	with no grooves
0,75 mm ²	AWG 18	one groove (back side)
1 mm ²	AWG 18	one groove
1,5 mm ²	AWG 16	two grooves
2,5 mm ²	AWG 14	three grooves
3 mm ²	AWG 12	one wide groove
4 mm ²	AWG 12	with no grooves

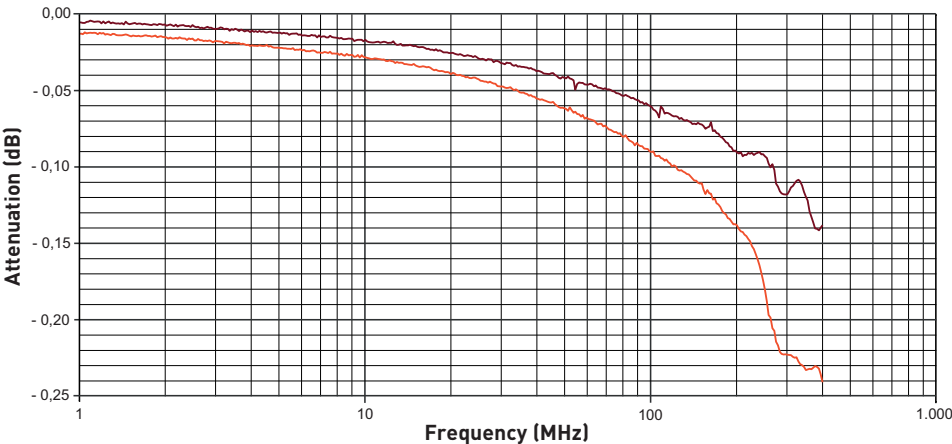
silver plated		gold plated+	
CCFA 0.3	CCFD 0.3	CCFA 0.5	CCFD 0.5
CCFA 0.7	CCFD 0.7	CCFA 1.0	CCFD 1.0
CCFA 1.5	CCFD 1.5	CCFA 2.5	CCFD 2.5
CCFA 3.0	CCFD 3.0	CCFA 4.0	CCFD 4.0
CCMA 0.3	CCMD 0.3	CCMA 0.5	CCMD 0.5
CCMA 0.7	CCMD 0.7	CCMA 1.0	CCMD 1.0
CCMA 1.5	CCMD 1.5	CCMA 2.5	CCMD 2.5
CCMA 3.0	CCMD 3.0	CCMA 4.0	CCMD 4.0

CX 01 BCF, CX 01 BCM



Test performed in accordance with IEC/EN 60512-25-2 (2002), 4.1.3.2 (coaxial cable only) and 4.2.2.2 (coaxial cable and connector).

Attenuation (insertion loss) 50 ohm coaxial connector (CX 01 BCF / BCM)



- RG 213/U cable and CX 01 BC connector (50 ohm)
- RG 213/U cable (50 ohm)

CCF and CCM contacts		
conductor section (mm ²)	conductor slot $\varnothing A$ (mm)	conductors stripping length (mm)
0,14-0,37	0,9	7,5
0,5	1,1	7,5
0,75	1,3	7,5
1,0	1,45	7,5
1,5	1,8	7,5
2,5	2,2	7,5
3	2,55	7,5
4	2,85	7,5

+ for basic or high thickness gold plating, please refer to page 675