

- characteristics according to EN 61984:

CX 01 BC shielded connector

**16A 50V 0,8kV 3**

- 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 534, 538, 544, 546, 548

- contact resistance

CX 01 BC shielded connector:  $\leq 1\text{ m}\Omega$

- CX 01 BC shielded connector for **cable with a typical impedance of 50  $\Omega$**

shielded connectors



16A crimp contacts, silver or gold plated



description

part No.

part No.

part No.

shielded BUS coaxial connectors, 1 pole + shield  
 - female insert, 1 contact seat 16A (CCF) + shield  
 - male insert, 1 contact seat 16A (CCM) + shield

**CX 01 BCF**  
**CX 01 BCM**

16A female contacts

0,14-0,37 mm <sup>2</sup>	AWG 26-22	three grooves
0,5 mm <sup>2</sup>	AWG 20	with no grooves
0,75 mm <sup>2</sup>	AWG 18	one groove (back side)
1 mm <sup>2</sup>	AWG 18	one groove
1,5 mm <sup>2</sup>	AWG 16	two grooves
2,5 mm <sup>2</sup>	AWG 14	three grooves
3 mm <sup>2</sup>	AWG 12	one wide groove
4 mm <sup>2</sup>	AWG 12	with no grooves

16A male contacts

0,14-0,37 mm <sup>2</sup>	AWG 26-22	three grooves
0,5 mm <sup>2</sup>	AWG 20	with no grooves
0,75 mm <sup>2</sup>	AWG 18	one groove (back side)
1 mm <sup>2</sup>	AWG 18	one groove
1,5 mm <sup>2</sup>	AWG 16	two grooves
2,5 mm <sup>2</sup>	AWG 14	three grooves
3 mm <sup>2</sup>	AWG 12	one wide groove
4 mm <sup>2</sup>	AWG 12	with no grooves

CCFA 0.3  
 CCFA 0.5  
 CCFA 0.7  
 CCFA 1.0  
 CCFA 1.5  
 CCFA 2.5  
 CCFA 3.0  
 CCFA 4.0

silver plated

CCFD 0.3  
 CCFD 0.5  
 CCFD 0.7  
 CCFD 1.0  
 CCFD 1.5  
 CCFD 2.5  
 CCFD 3.0  
 CCFD 4.0

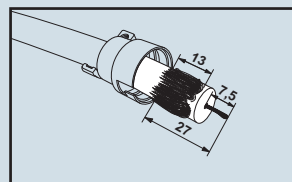
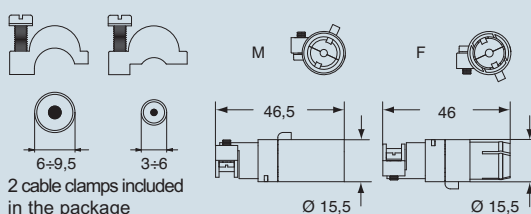
gold plated 1)

CCMA 0.3  
 CCMA 0.5  
 CCMA 0.7  
 CCMA 1.0  
 CCMA 1.5  
 CCMA 2.5  
 CCMA 3.0  
 CCMA 4.0

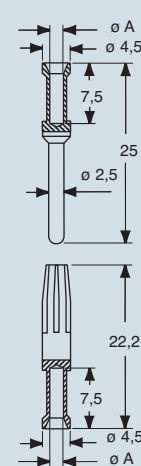
CCMD 0.3  
 CCMD 0.5  
 CCMD 0.7  
 CCMD 1.0  
 CCMD 1.5  
 CCMD 2.5  
 CCMD 3.0  
 CCMD 4.0

dimensions in mm

CX 01 BCF, CX 01 BCM



CCF and CCM



CCF and CCM contacts

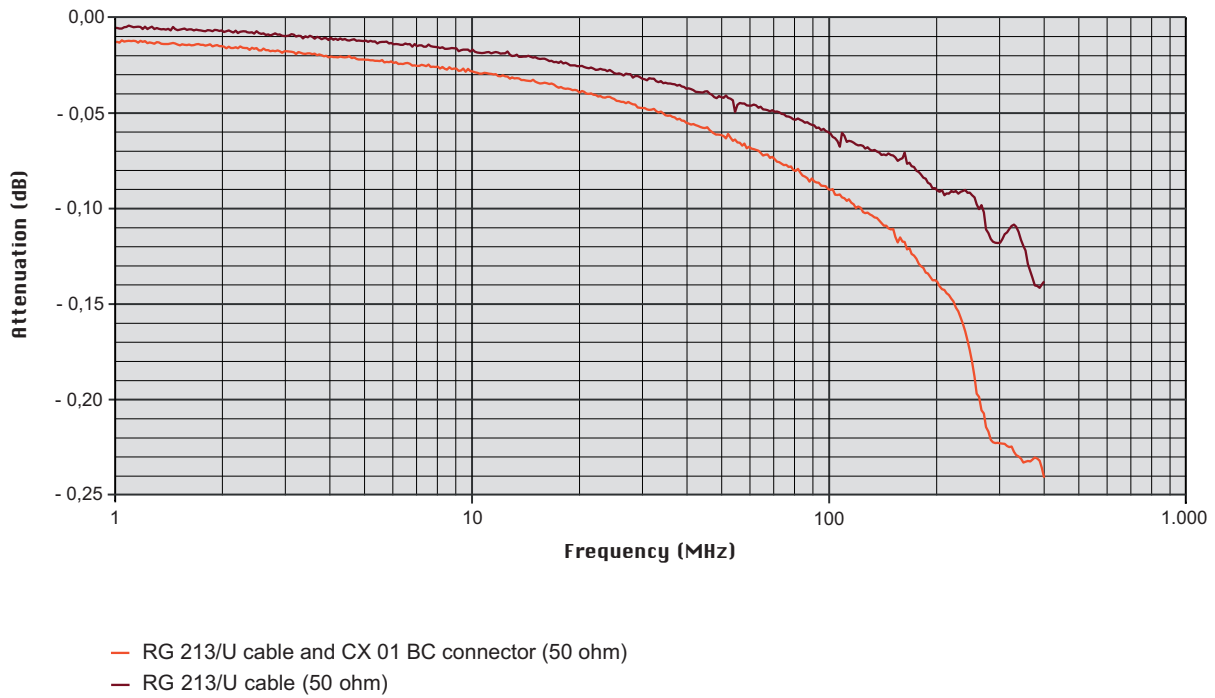
conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	$\phi A$ (mm)	(mm)
0.14-0.37	0.9	7.5
0.5	1.1	7.5
0.75	1.3	7.5
1.0	1.45	7.5
1.5	1.8	7.5
2.5	2.2	7.5
3	2.55	7.5
4	2.85	7.5

1) basic or high thickness gold plating page 481

dimensions shown are not binding and may be changed without notice

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)



Attenuation

### Attenuation (insertion loss) 75 ohm coaxial connector (CX 01 BF / BM)

