

## Coaxial Cable Connector 11\_MMCX-50-1-1/111\_O

### Description

Straight cable plug

Interface standards  
SUHNER-MMCX



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	6 GHz

#### Mechanical Data

Centre contact	crimped
Outer contact	crimped
Weight	0.0009 kg

#### Environmental Data

Operating temperature	-55 °C to 155 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	
Crimp ferrule	Brass	Gold Plating (without Nickel underplating)

### Related Documents

Outline drawing	DOU-00006970
Catalogue drawing	DOU-00006168
Assembly instruction	DOC-0000179110

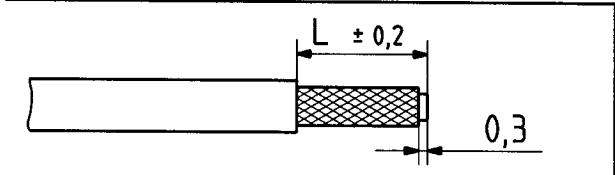
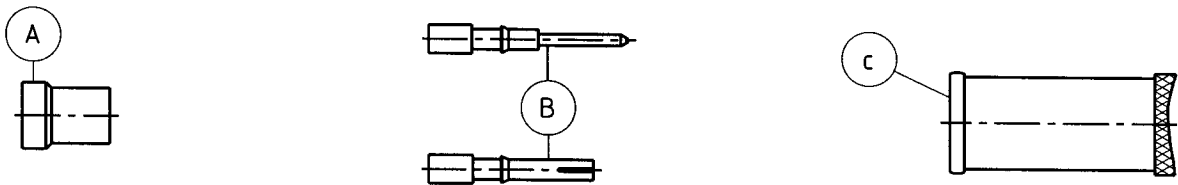
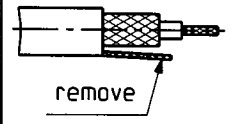
### Ordering Information

Bulk 100 pcs package	11_MMCX-50-1-1/111_OH
Single package	11_MMCX-50-1-1/111_OE

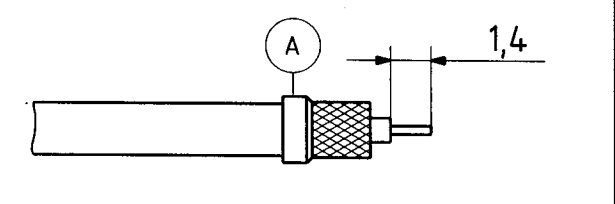
### Additional Information

Suitable cables	RG_178_B/U, RG_196_A/U, RG_196_A/U
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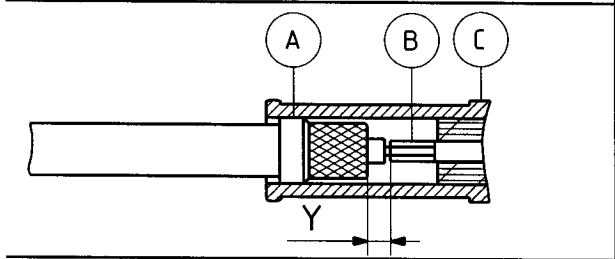
Tools and materials required:	Straight connector for flexible cable				
	Cable entry: SUHNER Full Crimp				
	Connector types:(e.g.)				
Knife or razor blade	11 MMCX 50-1-1	11 MMCX 50-1-2	21 MMCX 50-1-3	11 MMCX-50-1-9	
scissors	21 MMCX 50-1-1	21 MMCX 50-1-2			
Crimp tool (see table)	24 MMCX 50-1-1	24 MMCX 50-1-2			
This connector is supplied in 3 parts	Suitable cables:	RG 178 B/U	K 01152-7	MURATA	Gore CXN 2856
	Centre contact:	cavity (1) 0,75			
	Braid:	cavity 2,67			
	Crimp tool (small)	76 Z-0-2-53			
Crimp tool (large)	76 Z-0-0-26				



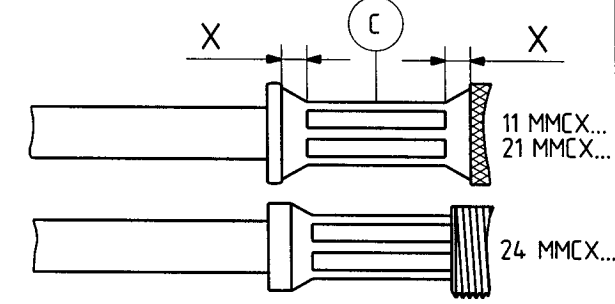
Prepare cable according to diagram.  
 Connector types | L  
 ...MMCX 50-1-1 /-9 | 4,8mm  
 ...MMCX 50-1-2 /-3 | 3,7mm



Slide ferrule A over braid until stop.  
 Fold back braid over ferrule A and trim overlapping braid.  
 Remove dielectric. For easier handling of this operation we recommend the tool Mini-Strip from nitronic ([www.nitronic.ch](http://www.nitronic.ch))  
 CAUTION : Do not damage braid, dielectric and inner conductor of cable.



Push contact B over inner conductor of cable to abut cable dielectric and crimp.  
 Control dimension Y :  
 Connector types | Y  
 ...MMCX 50-1-1 /-9 | 0,7...1,3mm  
 ...MMCX 50-1-2 /-3 | 0,9...1,4mm  
 Push contact B into the body C.



Crimp body C.  
 Make sure that crimping is symmetrical on body C.

Types	X
11 MMCX ...	typ 1,0 mm
21 MMCX ...	

SUHNER's skilled staff and specialised equipment are available to carry out complete R.F.lead-assembly on your behalf. We mount your connectors on cables at economic prices! Please contact our representative for further details of this service

