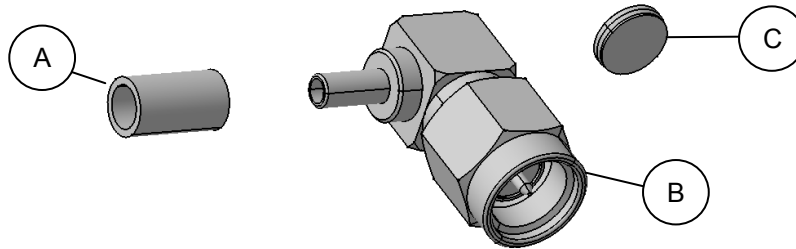


Assembly instruction Series SMA 0000178742



| | | | |
|-------------------------|---|--------------------------|----------|
| Connector type (e.g.): | 16 SMA-50-1-1, 16 SMA-50-2-105, 16 SMA-50-3-105 | Inner conductor contact: | Soldered |
| Suitable cables (e.g.): | RG 178/U, K 02252D, RG 58 C/U | Outer conductor contact: | Crimped |

Parts list connector:



Assembly steps:

| Picture | Process | Feature / Check | Tools required | | | | | | | | | | | | |
|---|--|--|--|----------------|----------------------------------|-----------------|----------|-----------------|----------------|-----------------|----------|---|--|---|------------------------|
| <table border="1"> <tr> <td>Connector type</td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>16 SMA-50-1-... , 16 SMA-50-2-..</td> <td>11</td> <td>6</td> <td>2</td> </tr> <tr> <td>16 SMA-50-3-..</td> <td>13.5</td> <td>6</td> <td>3</td> </tr> </table> | Connector type | A | B | C | 16 SMA-50-1-... , 16 SMA-50-2-.. | 11 | 6 | 2 | 16 SMA-50-3-.. | 13.5 | 6 | 3 | Slide ferrule A onto cable. Prepare cable according to diagram. | Do not damage braid, dielectric and inner conductor of cable. | Stanley blade scissors |
| Connector type | A | B | C | | | | | | | | | | | | |
| 16 SMA-50-1-... , 16 SMA-50-2-.. | 11 | 6 | 2 | | | | | | | | | | | | |
| 16 SMA-50-3-.. | 13.5 | 6 | 3 | | | | | | | | | | | | |
| | Screw locator tool W14 "M" onto connector body B. | | Locator tool W14 "M" | | | | | | | | | | | | |
| | Slide prepared cable into connector body B until inner conductor of cable is flush at X. | Ensure that braid lies above crimp neck | | | | | | | | | | | | | |
| | Slide ferrule A over braid and crimp. Solder inner conductor to cable | Crimp as close to connector body B as possible | <table border="1"> <tr> <td>Connector type</td> <td>Crimp tool</td> </tr> <tr> <td>16 SMA-50-1-...</td> <td>Cavity A</td> </tr> <tr> <td>16 SMA-50-2-...</td> <td>Cavity B</td> </tr> <tr> <td>16 SMA-50-3-...</td> <td>Cavity B</td> </tr> </table> | Connector type | Crimp tool | 16 SMA-50-1-... | Cavity A | 16 SMA-50-2-... | Cavity B | 16 SMA-50-3-... | Cavity B | | | | |
| Connector type | Crimp tool | | | | | | | | | | | | | | |
| 16 SMA-50-1-... | Cavity A | | | | | | | | | | | | | | |
| 16 SMA-50-2-... | Cavity B | | | | | | | | | | | | | | |
| 16 SMA-50-3-... | Cavity B | | | | | | | | | | | | | | |
| | Place cover C on rear aperture of body B. Press cover C into body B. | | Small press or a small bench vice. | | | | | | | | | | | | |

The cable assembly of R.F. connectors can only be done by well trained assembly stuff and suitable assembly equipment. Huber+Suhr's skilled stuff 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.

| | |
|-----------|----------|
| Revision | E |
| Date | 13.04.06 |
| Initiator | 4186/MAP |

Montageanleitung

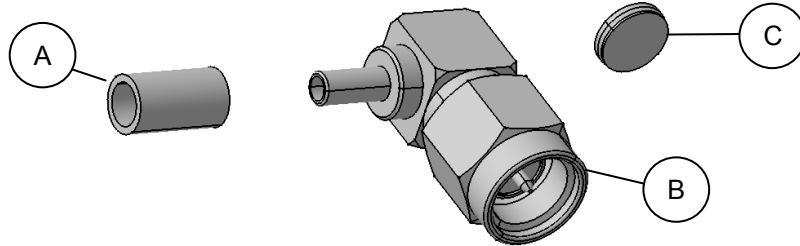
Serie SMA

0000178742



| | | | |
|-------------------------|---|------------------------------------|----------|
| Verbinder-Typ: | 16 SMA-50-1-1, 16 SMA-50-2-105, 16 SMA-50-3-105 | Innenleiter Kontaktierung: | Gelötet |
| Geeignete Kabel: | RG 178/U, K 02252D, RG 58 C/U | Aussenleiter Kontaktierung: | Geklemmt |

Stückliste Verbinder:



Montage Schritte:

| Bild | Prozess | Merkmal / Prüfung | Werkzeuge | | | | | | | | | | | | |
|---|--|--|---|---------------|---------------------------------|-----------------|--------------|-----------------|----------------|-----------------|--------------|---|---|---|--------------------------|
| <table border="1"> <tr> <td>Verbinder Typ</td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>16 SMA-50-1-..., 16 SMA-50-2-..</td> <td>11</td> <td>6</td> <td>2</td> </tr> <tr> <td>16 SMA-50-3-..</td> <td>13,5</td> <td>6</td> <td>3</td> </tr> </table> | Verbinder Typ | A | B | C | 16 SMA-50-1-..., 16 SMA-50-2-.. | 11 | 6 | 2 | 16 SMA-50-3-.. | 13,5 | 6 | 3 | Hülse A auf das Kabel schieben. Kabel gemäss Figur abisolieren. | Innenleiter, Dielektrikum und Abschirmung nicht beschädigen | Stanley Messer Schere |
| Verbinder Typ | A | B | C | | | | | | | | | | | | |
| 16 SMA-50-1-..., 16 SMA-50-2-.. | 11 | 6 | 2 | | | | | | | | | | | | |
| 16 SMA-50-3-.. | 13,5 | 6 | 3 | | | | | | | | | | | | |
| | Montagelehre W 14 „M“ auf Gehäuse B schrauben. | | Montagelehre W14 „M“ | | | | | | | | | | | | |
| | Vorbereitetes Kabel in Gehäuse B stossen bis Innenleiter bei X bündig ist. | Abschirmung muss über dem Klemmhals liegen | | | | | | | | | | | | | |
| | Hülse A über Abschirmung schieben und klemmen. Innenleiter mit Kontakt verlöten. | Hülse A so nahe am Gehäuse B wie möglich | <table border="1"> <tr> <td>Verbinder Typ</td> <td>Klemmzange</td> </tr> <tr> <td>16 SMA-50-1-...</td> <td>Aussparung A</td> </tr> <tr> <td>16 SMA-50-2-...</td> <td>Aussparung B</td> </tr> <tr> <td>16 SMA-50-3-...</td> <td>Aussparung B</td> </tr> </table> | Verbinder Typ | Klemmzange | 16 SMA-50-1-... | Aussparung A | 16 SMA-50-2-... | Aussparung B | 16 SMA-50-3-... | Aussparung B | | | | |
| Verbinder Typ | Klemmzange | | | | | | | | | | | | | | |
| 16 SMA-50-1-... | Aussparung A | | | | | | | | | | | | | | |
| 16 SMA-50-2-... | Aussparung B | | | | | | | | | | | | | | |
| 16 SMA-50-3-... | Aussparung B | | | | | | | | | | | | | | |
| | Deckel C auf Öffnung am Gehäuse B legen. Deckel C in Gehäuse B einpressen. | | Kleine Presse oder mit Schraubstock. | | | | | | | | | | | | |

Die Montage von HF-Verbindern kann nur durch geschultes Personal, das über die richtige Ausrüstung verfügt, erfolgen. Huber+Suhner verfügt über ausgebildete Fachkräfte und rationelle Einrichtungen zur Herstellung kompletter HF-Verbindungsleitungen. Wir montieren Ihre Verbinder zu wirtschaftlichen Preisen! Wenden Sie sich an unsere Vertreter.

| | |
|----------|----------|
| Version | E |
| Datum | 13.04.06 |
| Erstellt | 4186/MAP |