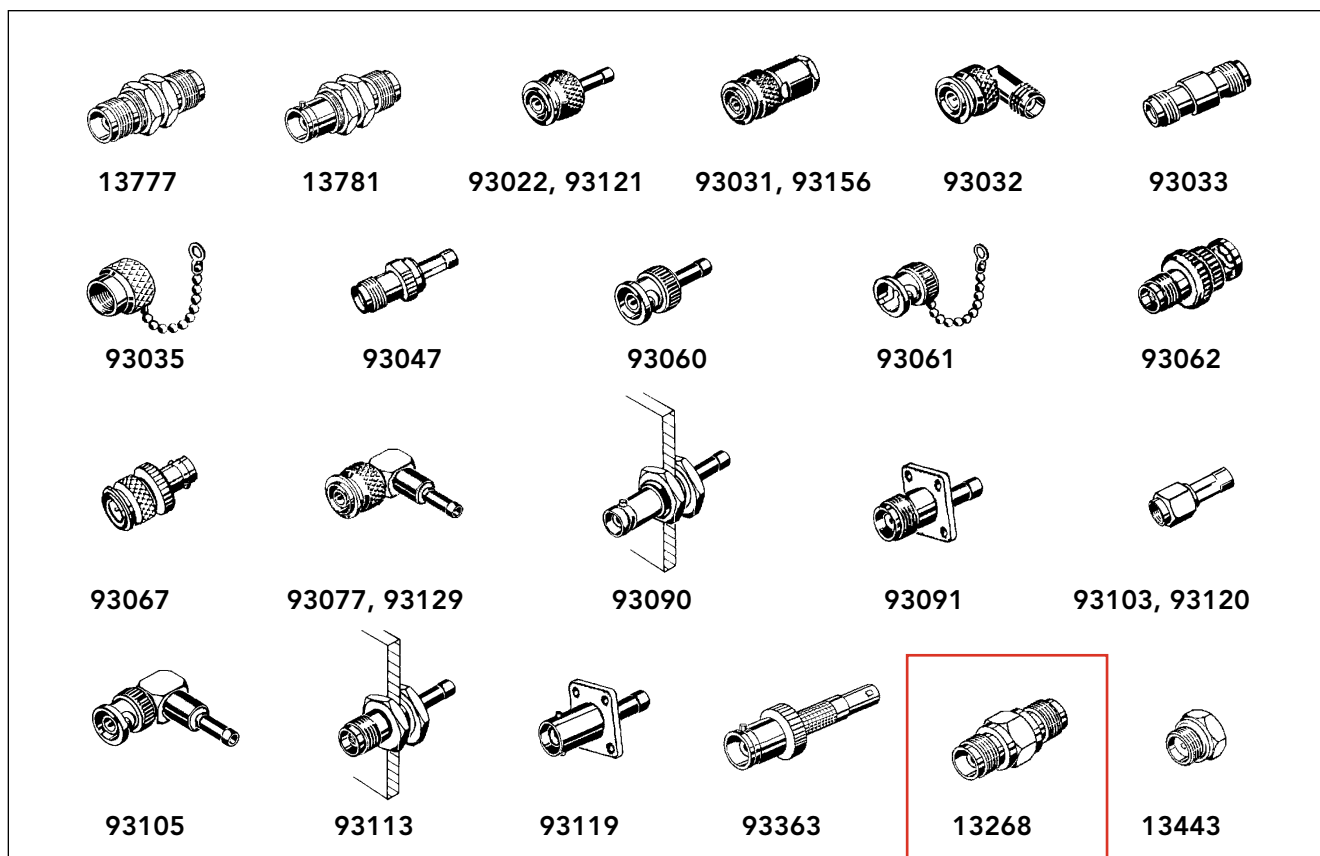


Connectors and accessories for coaxial cables



The listed equipment is used for SPM coaxial cable installations for shock pulse and vibration monitoring. See SPM installation instructions and application descriptions for details.

TNC connections

- 13777 TNC-TNC terminal connector
- 13781 TNC-BNC terminal connector
- 93022 TNC cable connector, plug, crimp
- 93031 TNC cable connector, plug, screw-type
- 93032 TNC angle adapter, plug-jack
- 93033 TNC adapter, jack-jack
- 93035 TNC dust cap for jack
- 93047 TNC cable connector, jack, crimp
- 93067 TNC-BNC adapter, plug-jack
- 93077 TNC angle connector, crimp
- 93091 TNC terminal connector, flange, crimp
- 93113 TNC terminal connector, crimp
- 93121 TNC cable connector, crimp, for cable 90146
- 93129 TNC angle connector, solder/crimp, for cable 90146
- 93149 Contact pin, TNC/BNC for cable 90176
- 93156 TNC cable connector, screw-type with strain relief, solder/screw type

Sealed TNC connections

- 13008 TNC cable plug, crimp (see TD-009)
- 15163 TNC cable plug, crimp (see TD-262)
- 15291 TNC cable plug, composite, crimp (see TD-257)
- 13268 TNC adapter, jack-jack, for sealed connection
- 13443 Sealing plug for TNC connector 13008

BNC connections

- 93060 BNC cable connector, plug crimp
- 93061 BNC dust cap
- 93062 BNC-TNC adapter, plug-jack
- 93090 BNC terminal connector, crimp
- 93105 BNC angle connector, crimp
- 93119 BNC terminal connector, flange, crimp
- 93363 BNC-LEMO adapter (fits Bearing Checker)

SMA connections

- 93103 SMA cable connector, plug, crimp (fits TRV-01)
- 93120 SMA cable connector, crimp, for cable 90146

SMB connections

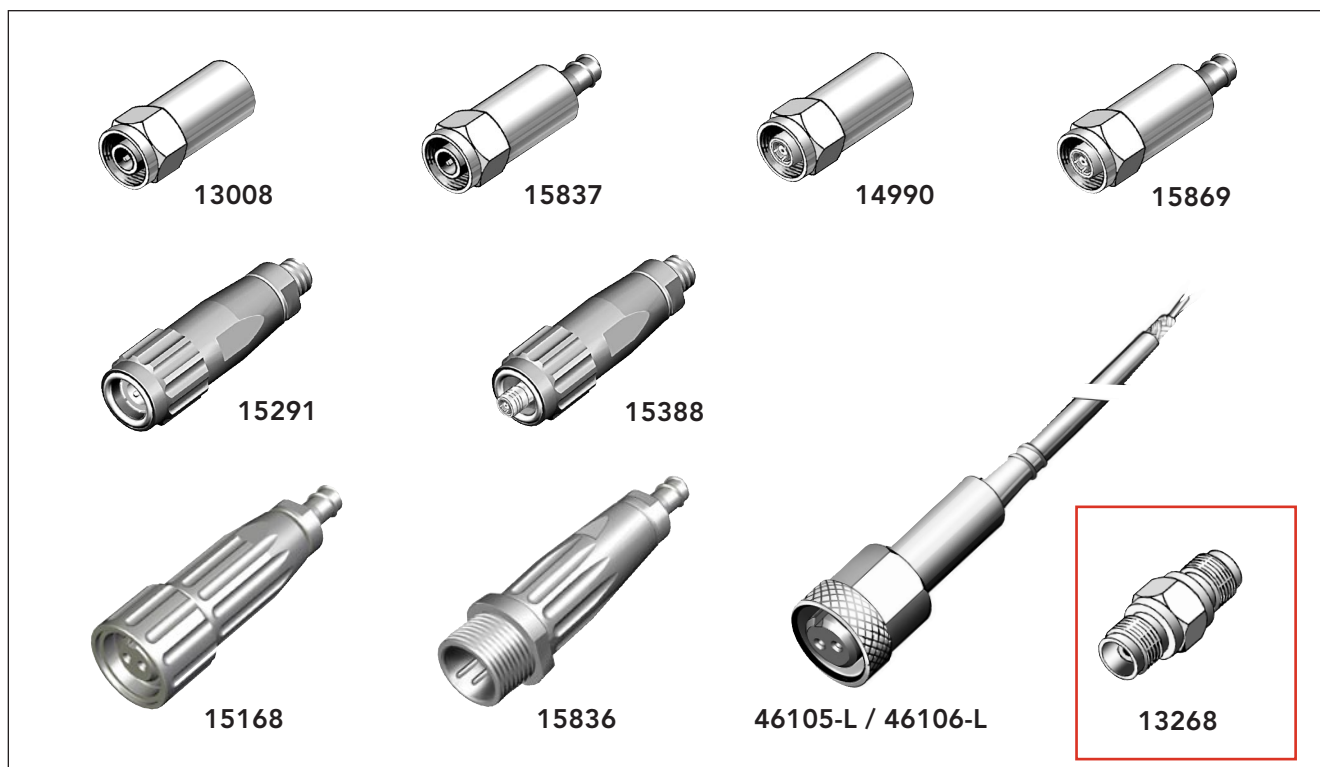
- 93286 SMB cable connector, crimp

Sealed SMB connections

- 14990 SMB cable plug, crimp (see TD-248)
- 15164 SMB cable plug, crimp (see TD-261)
- 15388 SMB cable plug, composite, crimp (see TD-258)



Sealed Connectors - Overview



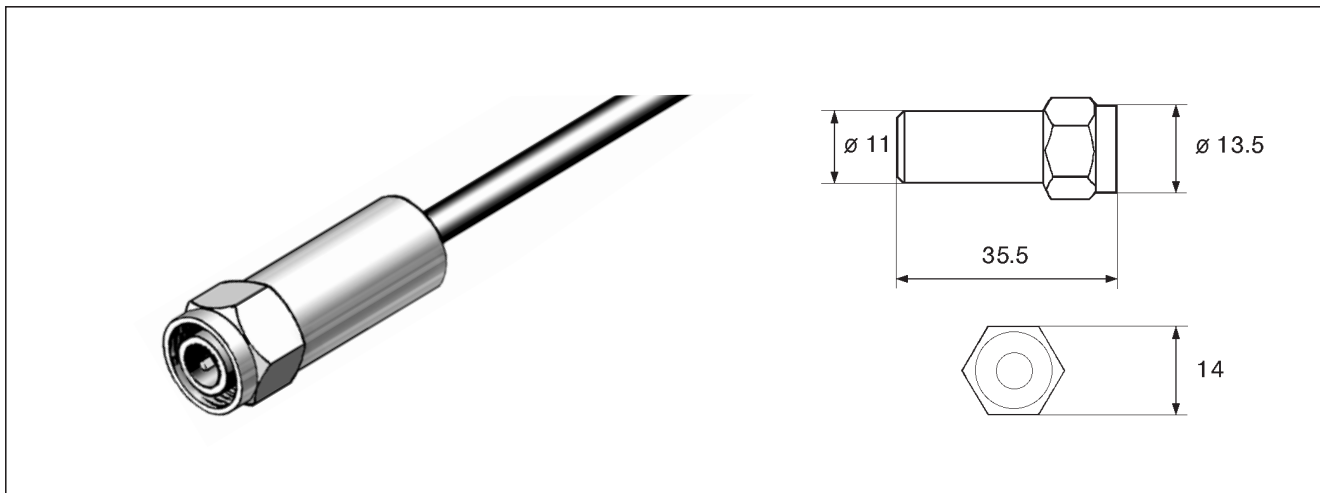
The listed equipment is used for SPM cable installations for shock pulse and vibration monitoring. See specific data sheets (TD) for installation descriptions and technical specifications

Article no.	Connector	Type	Protection	Material	Fitting for protection tube	TD sheet
13008	TNC	plug	IP67	stainless steel	no	TD-009
15837	TNC	plug	IP67	stainless steel	yes	TD-292
15291	TNC	plug	IP67	composite	yes	TD-257
13268	TNC	jack-jack	IP67	stainless steel	no	TD-025
14990	SMB	plug	IP67	stainless steel	no	TD-248
15869	SMB	plug	IP67	stainless steel	yes	TD-294
15388	SMB	plug	IP67	composite	yes	TD-258
15168	2-pin	jack	Ex, IP67	composite	yes	TD-217
15836	2-pin	plug	Ex, IP67	composite	yes	TD-291
46105-L	2-pin	jack with integrated cable -65° to +200°C *	Ex, IP67	stainless steel	yes	TD-296
46106-L	2-pin	jack with integrated cable, -40° to +90°C *	Ex, IP67	stainless steel	yes	TD-296

* When ordering connector with integrated cable, please state the desired cable length (L) in meters.



TNC Cable Plug 13008



SPM 13008 is a special TNC cable plug for SPM installations in moist environments. It prevents moisture from entering the coaxial cable and causing loss of signal strength. The cable plug fits standard shock pulse transducers and other SPM measuring equipment with TNC jacks having a $\varnothing 14$ mm connector base. It must be used wherever the TNC connection is exposed to water, steam, or high humidity.

The cable seal, marked A below, seals the cable entry when the connector collet is tightened. The sealing ring marked B is placed over the receiving TNC jack and seals the other end of the connection.

Note: The connector package contains two cable seals (A) of different sizes, marked in different colours:

- green seal for cable diameter 4 mm
- black seal for cable diameter 5 mm.

Use the appropriate seal and discard the other. Lubricate the thread with oil or grease. Tighten the connector with a 14 mm open wrench.

The instruction for cable stripping is included in the package. SPM offers two tools for connector mounting:

- 81052 Cutting tool for stripping coaxial cables
- 81026 Crimping tool for fitting cable connectors.

To join two cables in moist environment, use the TNC adapter SPM 13268 (separate data sheet) together with two cable connectors SPM 13008.

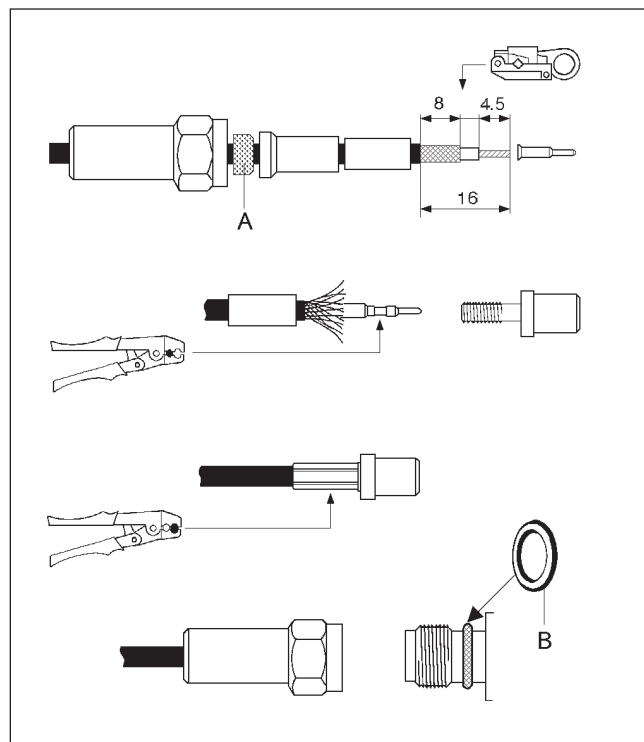
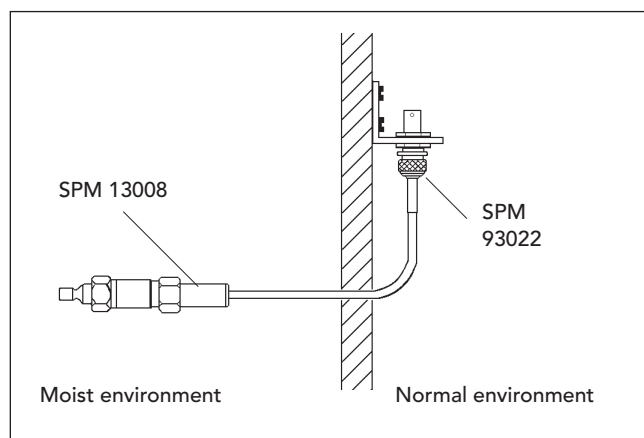
Technical data:

Material, connector body: Stainless acid proof steel,
Sandvik Grade:1802, EN:1.4523

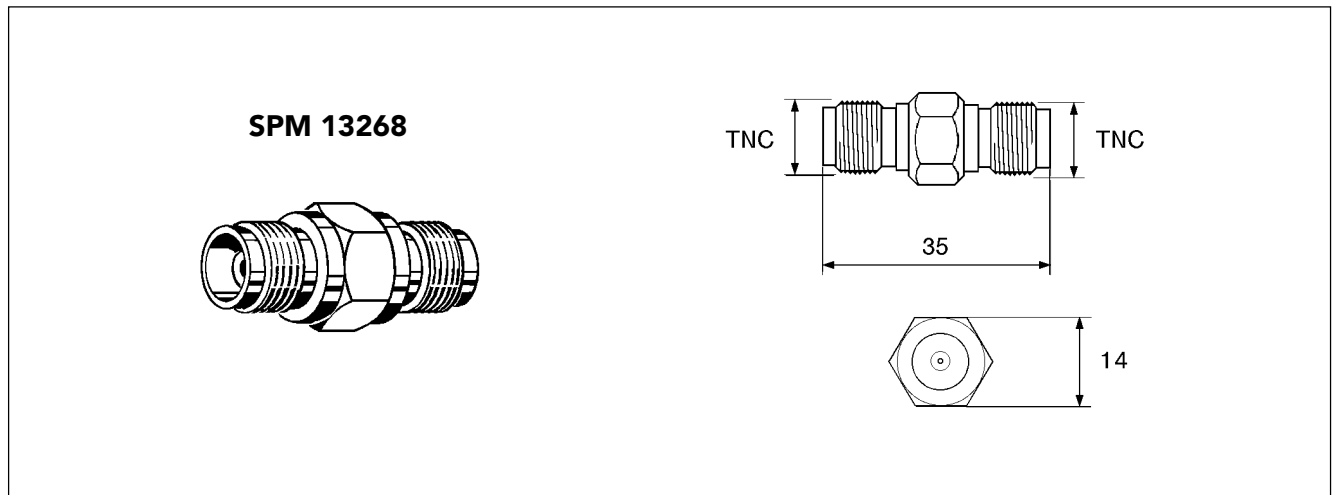
Connector type: TNC plug

Seals: Viton (fluor rubber)

Torque: Min. 7 Nm / Max. 9 Nm

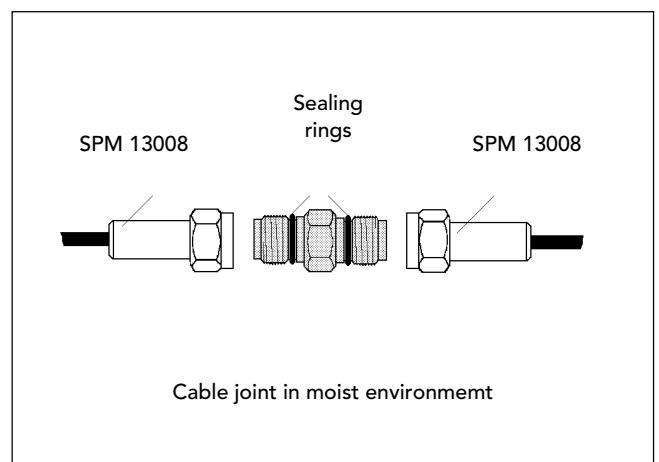


TNC Adapter for Sealed Installation



SPM 13268 is a special TNC adapter (jack - jack) for joining two coaxial cables. It is used to repair broken cables or to prolong cables during installation.

In environments where the connection is exposed to water, steam, or high humidity, the cable plugs must be of type SPM 13008. This type of plug prevents moisture from entering the coaxial cable and causing loss of signal strength. The sealing rings are placed over the receiving TNC jacks of the adapter. The connection is tightened with two 14 mm open wrenches until the sealing rings are slightly flattened against the adapter body.



Technical Data

Material, adapter body:	Stainless acid proof steel, Sandvik Grade:1802, EN:1.4523
Connector tightness	IP65 with TNC connector IP67 with conn. SPM13008
Connector type:	TNC jack

