

HSD Signal Conductor Plug

Gbit/s
(100 Ω)

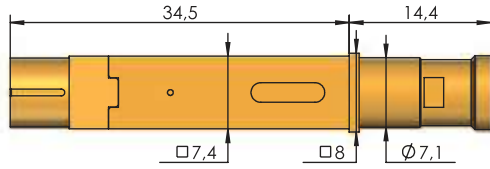
HFS-819
with Plug Connection

Series:

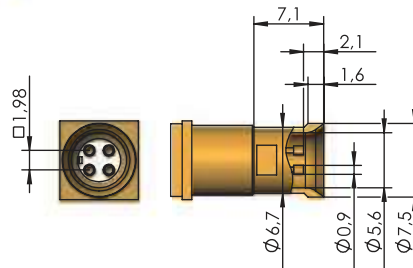
Available
Tip Styles:

Ordering Description:

HFS-819 ... with Plug Connection

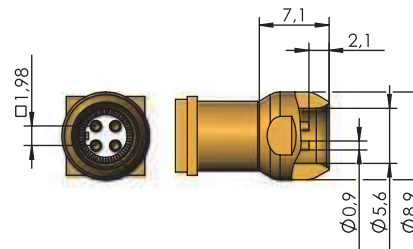


Connection for
Plug SE-819-V2



HFS-819 303 090 A **xxx** 43 V2

Note: Version with passive tip-style on Outer conductor and Inner Conductor with tip-style 03 (inverse cone).
Centering range: ± 0.8 mm



HFS-819 303 090 A **xxx** 43 RV5

Note: Version with enlarged centering range and aggressive serrated tip-style on the Outer conductor for better contacting reliability on contaminated surfaces. Inner Conductor with tip-style 03 (inverse cone).
Centering range: ± 1.0 mm

Spring force rating

The spring-loaded Inner and Outer Conductor are available with different spring forces. The ordering description is derived by adding up the individual values.

Note:

The series HFS-819 is non-rotatable and has a position detection marking. This design enables contacting of coded 9-pole Connectors. The HFS-819 can be either directly pressed into a mounting plate without usage of a Receptacle or float-assembled by means of the flex-mounting Receptacle HAS-819 (see Receptacles pages 192 - 194).

	HFS-819	
Spring Force of Inner Conductor (N)	4 x 1.3	4 x 1.3
Spring Force of Outer Conductor (N)	7.5	15.5
Character for ordering	127	207

Mechanical Data

HFS-819

	Outer Cond.	Inner Cond.
Working Stroke:	5.0 mm	2.0 mm
Maximum Stroke:	6.0 mm	3.7 mm

Series:

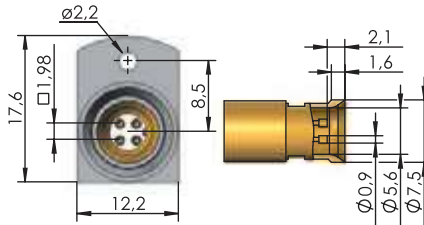
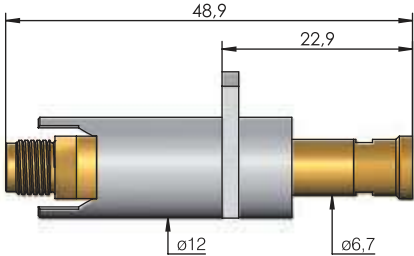


Available
Tip Styles:

Ordering Description:

HFS-819 ... with Flange and flexible bearing

HFS-819 303 090 A **xxx** 43 F2-Z



Note:
Centering range: ± 1,0 mm

Connection for Screw-in Plug
SE-819-V5-Z

Spring force rating

The spring-loaded Inner and Outer Conductor are available with different spring forces. The ordering description is derived by adding up the individual values.

Note:

The series HFS-819 is non-rotatable and has a position detection marking. This design enables contacting of coded 4-pole Connectors. The HFS-819 can be either directly pressed into a mounting plate without usage of a Receptacle or float-assembled by means of the flex-mounting Receptacle HAS-819 (see Receptacles pages 192 - 194).

	HFS-819	
Spring Force of Inner Conductor (N)	4 x 1.3	4 x 1.3
Spring Force of Outer Conductor (N)	7.5	15.5
Character for ordering	127	207

Mechanical Data

HFS-819

	Outer Cond.	Inner Cond.
Working Stroke:	5.0 mm	2.0 mm
Maximum Stroke:	6.0 mm	3.7 mm

HSD Signal Conductor Plug

Gbit/s
(100 Ω)

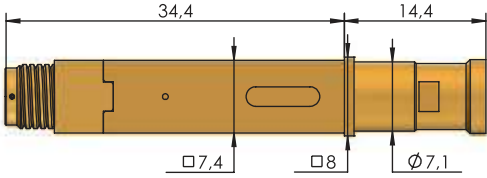
HFS-819
with Screw-in Connection

Series:

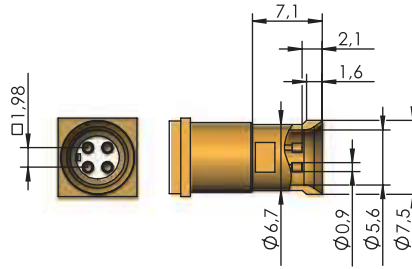
Available
Tip Styles:

Ordering Description:

HFS-819 ... with Screw-in Connection

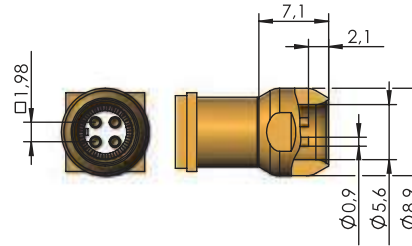


Connection for Screw-in Plug
SE-819-V5-Z



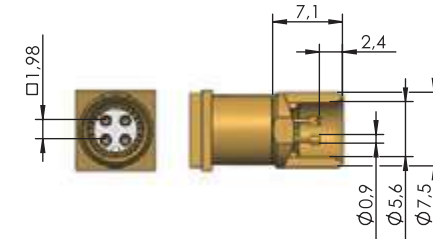
HFS-819 303 090 A **xxx** 43 V2-Z

Note: Version with passive tip-style on Outer conductor and Inner Conductor with tip-style 03 (inverse cone).
Centering range: ± 0.8 mm



HFS-819 303 090 A **xxx** 43 RV5-Z

Note: Version with enlarged centering range and aggressive serrated tip-style on the Outer conductor for better contacting reliability on contaminated surfaces. Inner Conductor with tip-style 03 (inverse cone).
Centering range: ± 1.0 mm



HFS-819 303 090 A **xxx** 43 RV7-Z

Note: Version with reduced tip diameter to contact double HSD connector. Two radio frequency probes (HFS) of this version, without receptacles, are mounted in the HAS-819 D8-160 probe plate (see page 194).
Centering range: ± 0.3 mm

Spring force rating

The spring-loaded Inner and Outer Conductor are available with different spring forces. The ordering description is derived by adding up the individual values.

Note:

The series HFS-819 is non-rotatable and has a position detection marking. This design enables contacting of coded 4-pole Connectors. The HFS-819 can be either directly pressed into a mounting plate without usage of a Receptacle or float-assembled by means of the flex-mounting Receptacle HAS-819. (See Receptacles pages 192 - 194).

	HFS-819	
Spring Force of Inner Conductor (N)	4 x 1.3	4 x 1.3
Spring Force of Outer Conductor (N)	7.5	15.5
Character for ordering	127	207

Mechanical Data

HFS-819

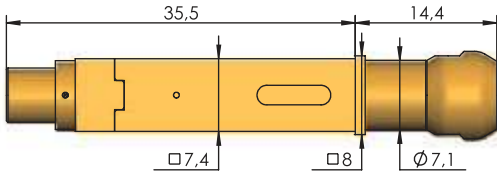
	Outer Cond.	Inner Cond.
Working Stroke:	5.0 mm	2.0 mm
Maximum Stroke:	6.0 mm	3.7 mm

Series:

Available
Tip Styles:

Ordering Description:

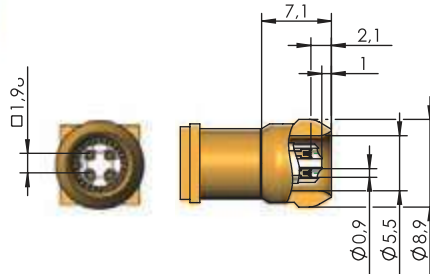
HFS-819 ... with Connection for HSD Jack



HFS-819 319 090 A **xxx** 43 RV5-H3

Note:
Centering range: ± 1,0 mm

Note: Connection for HSD signal conductor jack, available from Rosenberger Ltd., ordering-no. LD5-131-1000-Z. Please consider: the plastic housing of the jack has to be removed.



Spring force rating

The spring-loaded Inner and Outer Conductor are available with different spring forces. The ordering description is derived by adding up the individual values.

Note:

The series HFS-819 is non-rotatable and has a position detection marking. This design enables contacting of coded 4-pole Connectors. The HFS-819 can be either directly pressed into a mounting plate without usage of a Receptacle or float-assembled by means of the flex-mounting Receptacle HAS-819. (See Receptacles pages 192 - 194).

	HFS-819	
Spring Force of Inner Conductor (N)	4 x 1.3	4 x 1.3
Spring Force of Outer Conductor (N)	7.5	15.5
Character for ordering	127	207

Mechanical Data

HFS-819

	Outer Cond.	Inner Cond.
Working Stroke:	5.0 mm	2.0 mm
Maximum Stroke:	6.0 mm	3.7 mm