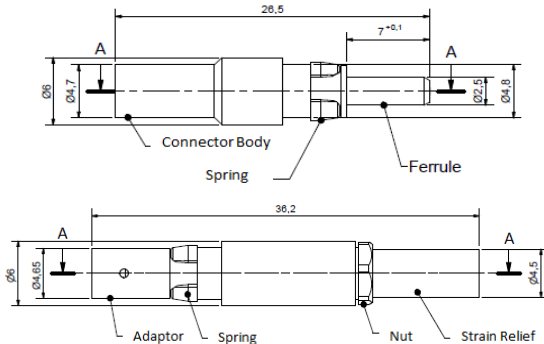


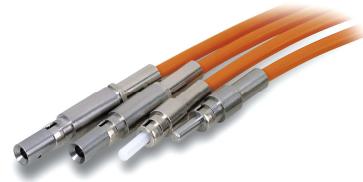
Optical Contact

For connectors acc. To DIN EN 60603-2 Type M



Pin Contact

Socket Contact



All dimensions are in mm; tolerances acc. ISO 2768 m-H

Properties

DIN fiber optic contacts are used in mixed connectors. In combination with Rosenberger electrical contacts, hybrid connectors can be built up. The contacts are installed in the cavities by a snap-in mechanism. An extraction tool is required for removal.

Interface

According to DIN 41626-3

Material for connectors

Ferrules: Ø2.5 mm ceramic
 Connector Body: metal (ARCAP)

Optical data

IL : Single Mode typical <0.3dB
 Multimode typical <0.4dB
 (depending on the housing system)

Mechanical data

Mating cycles 500 (depending on the housing system)

Environmental data

Operation temperature range: -40°C~+85°C (depending on Cable type)

Suitable cables

O.D. Ø0.9mm buffered fiber
 Ø1.8~ 2.9mm simplex cable

Part numbers

	Pin Contact	Socket Contact
Type Ceramic Ferrule(S/M, 125.5µm)	98 IS 120-101	98 IK 120-101
Type Ceramic Ferrule(MM, 127µm)	98 IS 601-127	98 IK 601-127
Extraction tool	98 W 12-INS/200	

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Y.Zhang	09.02.2017	H.Jungbäck	09.02.2017	007	---	P.Maier	13.01.2022