

NF SERIES CONNECTORS FOR POWER AND SIGNAL CONNECTIONS



NF Series Connectors

The NF Series Connector with 7 or 10 way contact arrangements are specially designed for high density audio connections in communications engineering. A precision bayonet coupling arrangement and self cleaning gold contacts facilitates utmost reliability under extreme ambient conditions. Water-tightness is guaranteed to IP68 and the electrical connector maintains it's sealing even when uncoupled.

Series NF10 and the shielded NF07 have good attenuation characteristics with regard to electromagnetic influences, HF influences and pulse frequencies. Primary applications include:-

- Military radio
- Emergency Service headsets

Features

- 7 or 10 way miniature audio connector
- Bayonet locking
- Self cleaning, butt contacts
- IP68 sealed even when uncoupled
- Shielding 70dB (10 KHZ to 10 MHZ)
- Mechanical life: over 5000 cycles
- Shock and vibration proof; spring-loaded contacts
- Manufactured in accordance with VG 95351 and VG 96934

Technical Data

Series	NF
Number of contacts	7 or 10
Rated current	6 μ A ... 2.5 A
Rated voltage	50 V
Wire gauge	AWG 20
Terminal type	Solder
Contact material	Copper alloy, gold plated
Test voltage	500 V
Temperature range	-55°C ... +100°C
Protection, IEC 60529	IP67 / 0.4 bar
Housing material	Stainless steel / aluminium alloy
Locking	Bayonet