



# 716F-43F

## Coaxial Adapter 716F-43F

Coaxial Adapter 7/16 DIN Female to 4.3-10 Female



### Features / Benefits

- Low VSWR Performance**  
 Excellent impedance matching minimizes reflections and ensures stable RF performance across the entire frequency range.
- Low Insertion Loss**  
 Minimal attenuation preserves signal quality and supports accurate, high-frequency signal transmission.
- High PIM Performance**  
 Outstanding intermodulation performance up to -163 dBc makes the adapters suitable for high-end RF and measurement applications.
- Broad Frequency Range**  
 Operates from DC to 6000 MHz, covering a wide range of test, measurement, and system integration needs.
- Port Saver Functionality**  
 Can be used as transition adapters or as port savers to protect sensitive measurement equipment from connector wear.
- Robust Outdoor Design**  
 IP86-rated housing enables reliable operation in demanding outdoor and industrial environments.

### Technical Features

#### STRUCTURE

Product Type	Adapter
Interface A	7/16 DIN
Interface Gender A	Female
Center Contact Material A	silver plated brass
Outer Contact Material A	CuZnSn plated brass
Interface B	4.3-10
Center Contact Material B	silver plated spring bronze
Outer Contact Material B	CuZnSn plated brass
Body Material	nickel plated brass
Dielectric Material	PTFE
Gasket Material	silicone rubber

#### ELECTRICAL SPECIFICATIONS

Frequency Range	DC - 6000 MHz	
VSWR	1.06 (0-3000MHz)	1.10 (3000-6000MHz)
Insertion Loss	0.1 dB	
3rd Order IM Product @ 2x20 Watts	< -163 dBc	

#### TESTING AND ENVIRONMENTAL

Operation Temperature min.	-45°C (-49°F)
Sealing Class	IP68