



PRODUCT DATASHEET
318EIA-HJA400-001

3-1/8" EIA Connector for 4" HELICABLE™ HJA400-50A Air-Dielectric Coaxial Cable, Gas Stop / Gas Pass

HELICABLE™ High Performance Coaxial cable connectors have very low losses and provide a gas tight seal when installed to 4" HJA400-50A air dielectric cable. HELICABLE™ connectors can be installed with common basic hand tools. Tab flare flange of outer & inner connection and simple O-ring and gasket seal eases installation of the connector.

FEATURES

• **VSWR**

HELICABLE™ Coaxial cable connectors have low VSWR that contribute to system performance.

• **Sealing**

HELICABLE™ Coaxial cable connectors have firm gas tight fittings maintaining sealed pressure throughout the system.

• **Attenuation**

HELICABLE™ Coaxial cable connectors have low attenuation resulting in extremely efficient transfer of your RF signal.

• **Installation**

HELICABLE™ Coaxial cable connectors are easily installed using common basic hand tools.



EIA Connector for
HELICABLE™
Air-Dielectric Coaxial Cable
For illustration purposes only

Technical Details

GENERAL SPECIFICATIONS

Transmission Line Type		Coaxial Cable
Cable Size		4"
Cable Type		Air Dielectric
Model		HJA400-50A
Connector Interface		3-1/8" EIA
Connector Type		Gas stop / Gas pass* (drill through predrilled holes in the insulator)
Sealing Method		O-ring & gasket
Gender		Female, with separate Male inner anchor connector

ELECTRICAL SPECIFICATION

Impedance	Ω	50
Insertion Loss	dB	0.05
VSWR, Return Loss	VSWR (dB)	≤ 1.06 (-30.7)

MECHANICAL SPECIFICATION

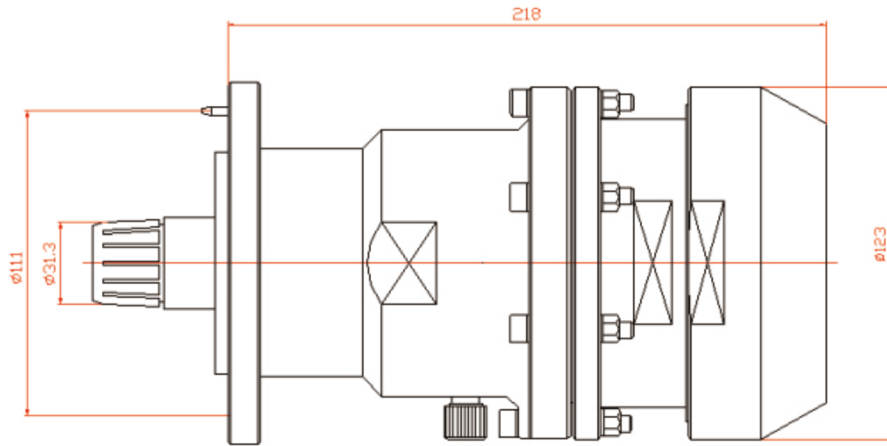
Plating Inner (contact faces)		Silver
Plating Outer		Nickel
Length	mm (in)	218 (8.6)
Outer Diameter	mm (in)	130 (5.1)
Gas Inlet		1/8" NPT



PRODUCT DATASHEET

318EIA-HJA400-001

3-1/8" EIA Connector for 4" HELICABLE™ HJA400-50A Air-Dielectric Coaxial Cable, Gas Stop / Gas Pass



318EIA-HJA400-001 connector, dimensions in mm