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Technical Bulletin

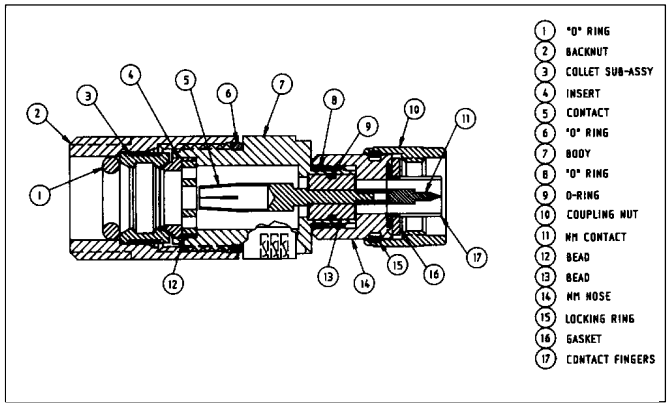
No. 264 A

FLEXWELL® FLC 12-50 Cable Connector
Type NM, NF - gold & silver plated contacts

Flexwell FLC foam coaxial connectors feature a self-flaring design for low VSWR and easy installation. All cable connectors are precision machined from brass stock for high reliability and durability. Multiple connector O-rings within critical junctions assure a weatherproof seal against cable moisture migration. A heat shrinkable boot covering adds additional weatherproofing and provides protection from abrasion.

The Flexwell FLC 12-50 type N (P/N 734803) and NF (P/N 734806) gold & silver plated connectors are designed for critical RF applications requiring the lowest possible VSWR and intermodulation specifications. The connectors feature a gold plated inner contact pin, silver plated nose assembly and silver plated body. The backnut is constructed of nickel plated brass.

The slim-line profile allows the N series connector to be installed in closely spaced junction panels, and the locked-collet design used for cable attachment assures a high resistance to pulling. FLC12-50 N series connectors 734803 and 734806 can be assembled in the field using standard hand tools. No soldering is required.



Flexwell FLC12-50 NM Connector P/N 734803

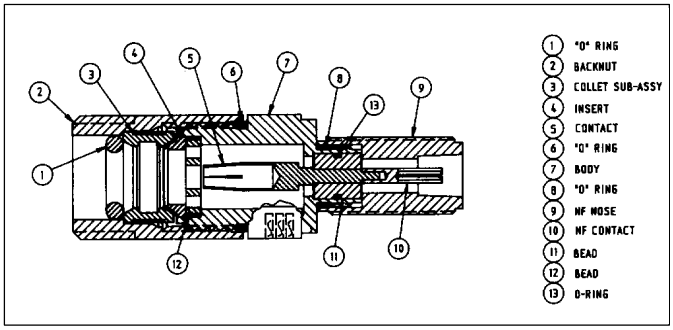


FLC12-50 Type NM

Type	O.D. in. (mm)	Length in. (mm)	Weight lbs. (kg)
N Male 734803	1.0 (25)	3.3 (84)	0.4 (0.2)
N Female 734806	1.0 (25)	3.1 (79)	0.4 (0.2)

Inner Contact Attachment	Outer Contact Attachment	Max. VSWR at 2 GHz*	Insertion Loss
Basket	Self Flare	1.02:1	0.07 dB

* value for single connector.



Flexwell FLC12-50 NF Connector P/N 734806

Flexwell connector type FLC 12-50 NM and NF meet the mechanical requirments of MIL-C-39012, and the interface dimensions of MIL STD 348A. The connectors meet or exceed the environmental requirements of MIL-STD-202F, Method 101D.

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