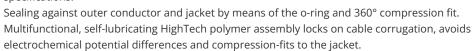


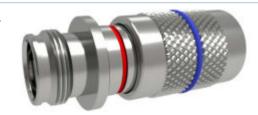
N Female Compression Connector for 1/2" Coaxial Low Loss Cable, Straight

RFS Technologies' high performance Compression Connectors are designed for CELLFLEX® cables. They are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up connector attachment using compressing technologies. All RFS Technologies' connectors are fully tested for mechanical and electrical compliance to industry specifications.



FEATURES / BENEFITS

- One-piece design together with Compression tools to minimize installation time required, improve installation security
- Ultra high PIM performance i.e. reduced interference leading to high customer satisfaction
- Watertight sealing to IP68
- Tri metal alloy plating i.e. extreme resistance against corrosion even under hardest climatic and environmental circumstances
- RoHS (EU) and CRoHS (China) compliant i.e. can be used on a global basis



Technical features

GENERAL	SPECI	IFICATI	IONS
----------------	-------	---------	------

Transmission Line Type	Coaxial Cable LCF12, ICA12, RCA12
Cable Size	1/2
Cable Type	Foam or Air Dielectric, Low Loss
Model Series	LCF12, ICA12, RCA12-50 Series
Connector Interface	N
Connector Type	Compression Connector PREMIUM Straight
Sealing Method	360° Compression
Gender	Female

ELECTRICAL SPECIFICATIONS

Nominal Impedance, ohms	Ohm	50
Insertion loss	dB	≤0.05
3rd Order IM Product @ 2x20 Watts	dBc	-160
Maximum Frequency	GHz	6
VSWR, Return Loss	VSWR (dB)	DC <f≤3.0 (32.3)<br="" 1.05="" ghz:="">3.0<f≤6.0 (26.4)<="" 1.10="" ghz:="" th=""></f≤6.0></f≤3.0>

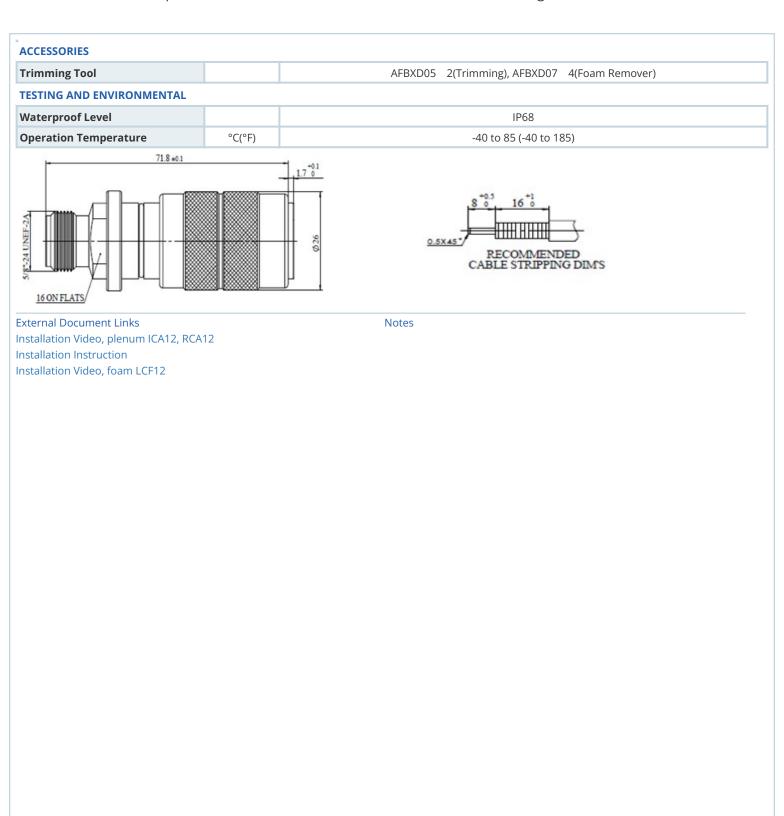
MECHANICAL SPECIFICATIONS

Plating Outer/Inner		Tri metal alloy / Silver
Length	mm (in)	71.8 (2.83)
Outer Diameter	mm (in)	26 (1.024)
Weight	kg (lb)	0.145 (0.32)
Inner Contact Attachment		Compression
Outer Contact Attachment		360° clamping

NF-LCF12-CP01 REV : A REV DATE : 06 Jun 2024 www.rfstechnologies.com



N Female Compression Connector for 1/2" Coaxial Low Loss Cable, Straight



NF-LCF12-CP01 REV: A REV DATE: 06 Jun 2024 www.rfstechnologies.com