

Radio Frequency Systems





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INTRODUCTION TO HYBRIFLEX®

RFS' HYBRIFLEX Remote Radio Head (RRH) hybrid feeder cabling solution combines multiple elements, including, but not limited to, optical fiber and DC power, for RRHs in a single lightweight cable, making it the world's most innovative solution for RRH deployments. It was developed to reduce installation complexity and cost at macro sites. HYBRIFLEX allows mobile operators deploying RRH architecture to standardize the RRH installation process. HYBRIFLEX with its combined elements all in a single jacketed cable can connect multiple RRHs with a single feeder. Standard RFS CELLFLEX® coaxial cable accessories may be used with HYBRIFLEX cable. Both pre-terminated and on-site terminated options are available. The rugged jacket facilitates easy transportation, handling, and installation.

These short instructions were written for qualified and experienced personnel. They describe, in few words, the main points that MUST be noted during installation, without any claim of completeness.

Any liability or warranty for results of improper or unsafe use is disclaimed!

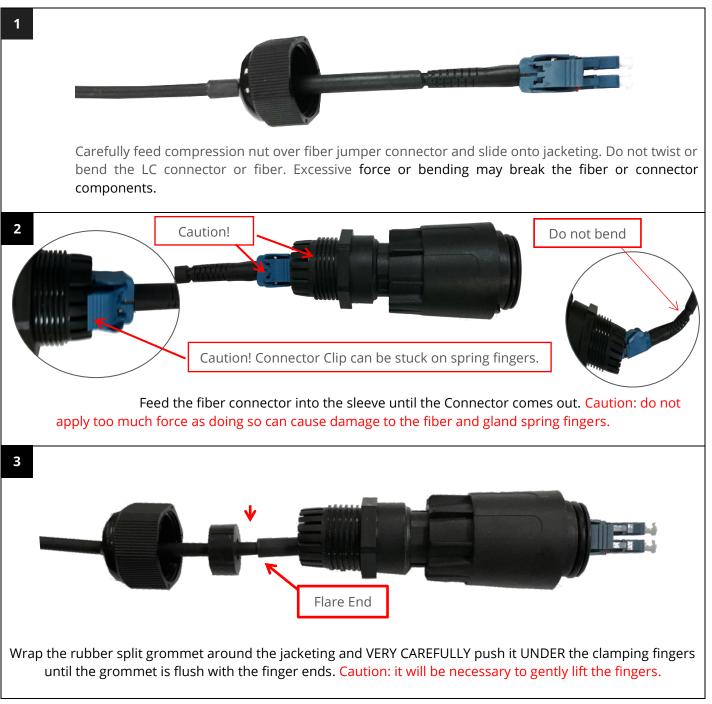
General remarks

In principle, care must be taken to avoid all such strain that may cause permanent deformation on the cable, e.g., going below admissible bending radii, kinking, applying too high tensile stress or forcible deformation (pulling over sharp edges, over tightening of clamps, etc.).



FULLAXS COMPATIBLE CONNECTOR INSTALLATION

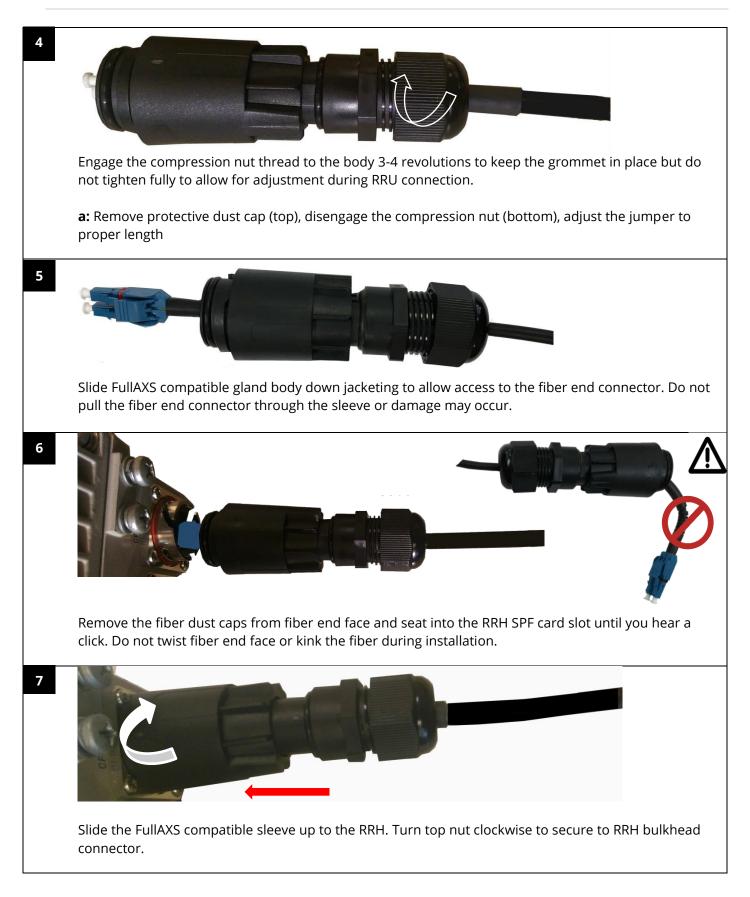
Use the following instruction to properly install/attach the FullAXS compatible connector. Failure to follow these procedures entirely may cause damage to the Fiber or Connector. For factory pre-installed assembly, skip to step 4a:





INSTALLATION GUIDELINES

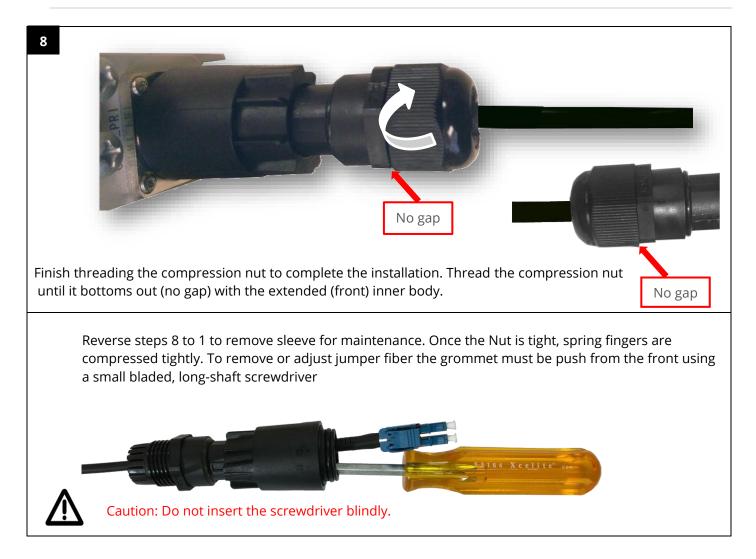
FullAXS Compatible Connector Installation Guidelines





INSTALLATION GUIDELINES

FullAXS Compatible Connector Installation Guidelines





ODC CONNECTOR END FACE

USE CAUTION WHEN REMOVING PROTECTIVE CAP







TRADEMARKS

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DOCUMENT CONTROL

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Rev	Completed By	Approved By	Release Date	ECO#	Comments/Changes
В	M. Gauvin	M. Gauvin	7Jan2022	RFS21199	Corrections to format and text

About RFS

Radio Frequency Systems (RFS) delivers the end-to-end RF solutions and expert services needed to evolve wireless and broadcast networks today and tomorrow. Our cables, connectors, antenna systems and RF conditioning products are based on more than 120 years of experience delivering cutting-edge RF solutions and industry firsts. As a result, our solutions are recognized globally for their innovation, superior performance and unmatched quality.

As an ISO-compliant company with global operations, we bring our customers world-class engineering and manufacturing skills backed with comprehensive local support services. Our customers know they can rely on our expertise and commitment to excellence from initial design to final delivery and beyond — whether they're looking to support 5G, deploy small cells, empower smart cities or improve indoor coverage in the most challenging locations.

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