



OMNI FIT™ Premium Connectors for RF Cables and Jumpers

Bringing outstanding electrical performance and watertight durability to any installation up to 6 GHz

RFS OMNI FIT Premium connectors are renowned in the industry for their precision-engineered performance, ease of installation and long life in the field. The OMNI FIT Premium E01 family of connectors builds on this legacy of excellence, providing a combination of performance, simplicity, durability and cost that cannot be matched in the industry.

The complete portfolio includes all Type-N, 7-16 DIN and 4.3-10 interface combinations, versions and variants, and can be installed using the same tools and following the same principles as the previous generation OMNI FIT Premium D01 connectors.

Fast, easy, watertight installations

OMNI FIT Premium E01 connectors feature an ultra-compact, lightweight and extremely robust two-piece design that simplifies installations and avoids the need for additional parts that can complicate installations or be lost. The fully optimized connector design includes a built-in seal against the outer conductor and against the cable jacket so there's no need for external sealing.

Proven performance up to 6 GHz

RFS OMNI FIT Premium E01 connectors are tested and proven to deliver premium PIM and VSWR performance at all frequencies up to 6 GHz. As a result, they are ideal to support 5G deployments globally, including those that use newly available spectrum such as Citizens Broadband Radio Service (CBRS), C-Band and License Assisted Access (LAA).

Ideal for retrofits

Because the E01 connectors are backwards compatible with many installed cables, they can be used to replace legacy connectors that restrict access to the full frequency range supported by existing cables. Upgrading connectors is an extremely cost-effective way to extend the life of current installations, reduce upgrade costs and gain higher returns on previous investments.



A complete portfolio of cost-effective and high-performance connectors with an optimized design, support for all interface configurations and all frequencies up to 6 GHz.

Exclusive Features and Benefits

The ultimate combination of performance, simplicity, durability and cost

- **Two-piece design with built-in waterproofing**
Simplifies installations
- **Robust construction**
Increases lifespan and reliability
- **Outstanding PIM and VSWR performance**
Reduces interference and losses
- **Support for all frequencies up to 6 GHz**
Accelerates evolution to 5G, future proofs investments
- **Available in all interface types and configurations**
Increases deployment flexibility
- **Backwards compatible with many cable types**
Improves return on existing investments



OMNI FIT™ Premium E01 Connector Selection Guide

Cable Type	Connector Type	Gender	Model Number
SCF14 Series 1/4" Superflexible Coax	4.3-10	Male	43M-SCF14-E01
	4.3-10	Male, Right Angle	43MR-SCF14-E01
	7-16 DIN	Male	716M-SCF14-E01
	N Type	Female	NF-SCF14-E01
	N Type	Male	NM-SCF14-E01
LCF14 Series 1/4" Flexible Coax	4.3-10	Male	43M-LCF14-E01
	N Type	Female	NF-LCF14-E01
	N Type	Male	NM-LCF14-E01
	N Type	Male, Right Angle	NMR-LCF14-E01
SCF38 Series 3/8" Superflexible Coax	4.3-10	Male	43M-SCF38-E01
	N Type	Female	NF-SCF38-E01
	N Type	Male	NM-SCF38-E01
LCF38 Series 3/8" Flexible Coax	4.3-10	Male	43M-LCF38-E01
	N Type	Female	NF-LCF38-E01
	N Type	Male	NM-LCF38-E01
	N Type	Male, Right Angle	NMR-LCF38-E01
SCF12 Series 1/2" Superflexible Coax	4.3-10	Female	43F-SCF12-E01
	4.3-10	Male	43M-SCF12-E01
	4.3-10	Male, Right Angle	43MR-SCF12-E01
	7-16 DIN	Female	716F-SCF12-E01
	7-16 DIN	Male	716M-SCF12-E01
	7-16 DIN	Male, Right Angle	716MR-SCF12-E01
	N Type	Female	NF-SCF12-E01
	N Type	Male	NM-SCF12-E01
	N Type	Male, Right Angle	NMR-SCF12-E01
LCF12 Series 1/2" Flexible Coax	4.3-10	Female	43F-LCF12-E01
	4.3-10	Male	43M-LCF12-E01
	4.3-10	Male, Right Angle	43MR-LCF12-E01
	7-16 DIN	Female	716F-LCF12-E01
	7-16 DIN	Male	716M-LCF12-E01
	7-16 DIN	Male, Right Angle	716MR-LCF12-E01
	N Type	Female	NF-LCF12-E01
	N Type	Male	NM-LCF12-E01
	N Type	Male, Right Angle	NMR-LCF12-E01

Cable Type	Connector Type	Gender	Model Number
LCF78 Series 7/8" Flexible Coax	4.3-10	Female	43F-LCF78-E01
	4.3-10	Female	43F-LCF78-E01K*
	4.3-10	Male	43M-LCF78-E01
	4.3-10	Male	43M-LCF78-E01K
	7-16 DIN	Female	716F-LCF78-E01
	7-16 DIN	Female	716F-LCF78-E01K
	7-16 DIN	Male	716M-LCF78-E01
	7-16 DIN	Male	716M-LCF78-E01K
	N Type	Female	NF-LCF78-E01
	N Type	Female	NF-LCF78-E01K
	N Type	Male	NM-LCF78-E01
	N Type	Male	NM-LCF78-E01K
	LCF114 Series 1-1/4" Flexible Coax	4.3-10	Female
4.3-10		Female	43F-LCF114-E01K
4.3-10		Male	43M-LCF114-E01
4.3-10		Male	43M-LCF114-E01K
7-16 DIN		Female	716F-LCF114-E01
7-16 DIN		Female	716F-LCF114-E01K
7-16 DIN		Male	716M-LCF114-E01
7-16 DIN		Male	716M-LCF114-E01K
N Type		Female	NF-LCF114-E01
N Type		Female	NF-LCF114-E01K
N Type		Male	NM-LCF114-E01
N Type		Male	NM-LCF114-E01K
LCF158 Series 1-5/8" Flexible Coax		4.3-10	Female
	4.3-10	Female	43F-LCF158-E01K
	4.3-10	Male	43M-LCF158-E01
	4.3-10	Male	43M-LCF158-E01K
	7-16 DIN	Female	716F-LCF158-E01
	7-16 DIN	Female	716F-LCF158-E01K
	7-16 DIN	Male	716M-LCF158-E01
	7-16 DIN	Male	716M-LCF158-E01K
	N Type	Female	NF-LCF158-E01
	N Type	Female	NF-LCF158-E01K
	N Type	Male	NM-LCF158-E01
	N Type	Male	NM-LCF158-E01K