

## RFS ClearFill®Line 1/2" Plenum Cable Frequency Asked Questions

### ● **Why switch to Radio Frequency Systems' (RFS) 1/2 Plenum cable?**

RFS offers a superior product based on the below features:

- Outstanding electrical performance that virtually eliminates intermods
- Continuous (star-shaped) dielectric providing total inner conductor support
- RFS offers a complete In-Building Portfolio for ease of ordering
- Easy installation as a result of the annularly corrugated copper outer conductor design

### ● **Why does RFS use a copper outer conductor design instead of aluminum?**

Copper is a more superior metal than aluminum with better conductivity providing lower insertion loss. In addition, copper has better mechanical and structural characteristics than aluminum.

### ● **Who are some of the companies using RFS 1/2" Plenum cable?**

RFS cable is being successfully deployed for demanding in-building applications by a wide range of companies such as Alcatel-Lucent, Black Box, C Squared, Longent, Sprint and Verizon Wireless.

### ● **What kind of support is available?**

RFS and Tessco provide applications engineering and technical support on all their products including 1/2" Plenum cable. In addition, several hands-on training classes are provided and can be tailored to meet specific customer requirements.

### ● **Why is continuous dielectric a better choice than non-continuous support (discs at intervals)?**

Lack of full support can cause electrical and mechanical problems especially in difficult in-building installation areas where tight bending is required.

### ● **Where is RFS' plenum cable manufactured?**

RFS' cable is manufactured in the U.S.A. at its 380,000-square-foot state-of-the-art, eco-friendly facility that contains 340,000 square feet of manufacturing space. The facility sits on 52 acres of natural wetlands and greenery and allows RFS to excel at environmental efforts such as:

- Commitment to the protection of the environment (ISO14001)
- Optimizing power consumption and implementing recycling programs
- Designing products to utilize the most environmentally friendly materials
- Eliminating hazardous materials in its industrial operations

### ● **What is RFS' standard lead time for this cable?**

RFS cable is available for immediate shipment as it is stocked in both the east and west coast TESSCO warehouses.

### ● **What connectors are used for RFS Plenum cable?**

To provide flexibility and choice, standard RFS 1/2" foam cable connectors can be used with 1/2" Plenum cable.

### ● **Do I have to buy special tools for connector?**

No. Special tools are NOT required and installation can be done very easily and quickly with basic hand tools

## RFS End-to-end Solutions

RFS provides scalable, flexible, future-proof and lightweight end-to-end solutions, optimized across the entire RF chain.