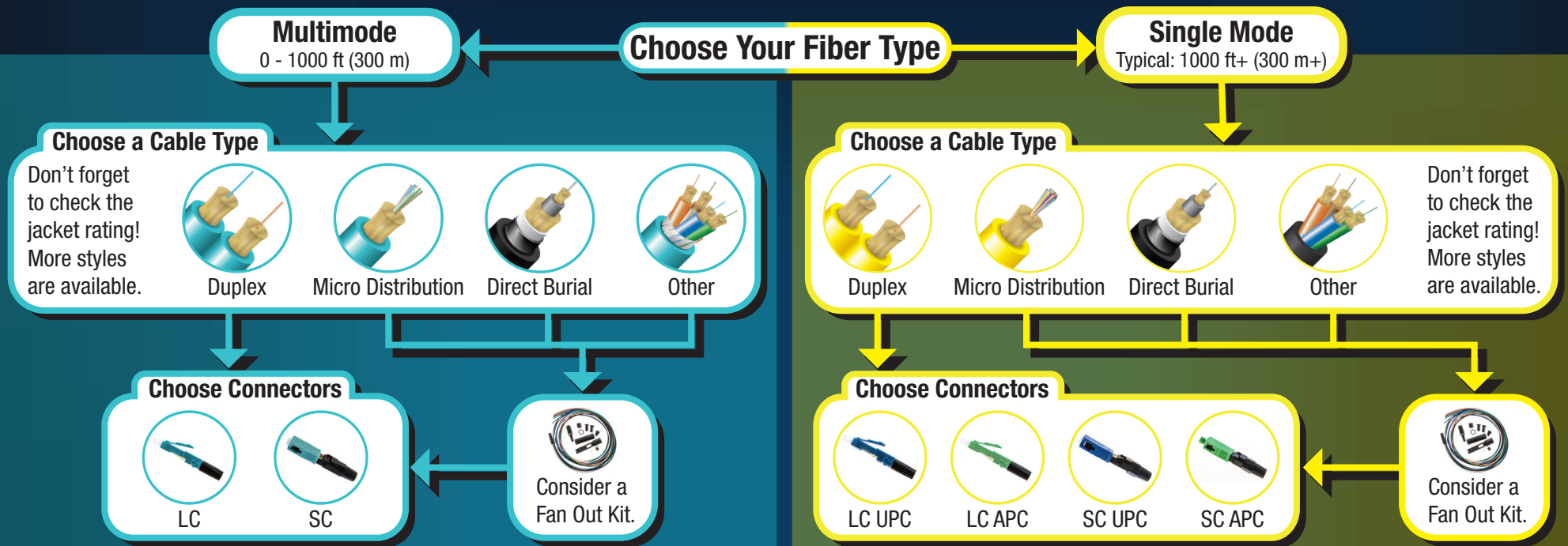




Build a Cleerline SSF™ Fiber Optic System





Tools and Accessories


Termination Kits

 SSF-FKIT02E
  SSF-FKIT03P


Testing Kits

 SSF-TKITE-100
  SSF-TKITP-400


Optional Accessories



Patch Cords



Enclosures and Adapters



Cleaning Tools

FIBER OPTIC INSTALLATION

GENERAL GUIDELINES

The following recommendations are general guidelines only. At a minimum, most installations require two strands of fiber, although adding additional strands is recommended.

MULTIMODE OR SINGLE MODE FIBER?

Multimode fibers (OM3 or OM4) have a distance limitation of approximately 1,000 ft. Above this, single mode (OS2) should be considered. Devices may also specify fiber type.

0 - 1000 ft (300 m): MULTIMODE OM3 / OM4

1000 ft (300 m) and above (typical): SINGLE MODE OS2

CONNECTOR TYPE

The equipment in use determines connectors. LC or SC connectors are most common. Connectors must match fiber type, i.e. single mode connectors must be used with single mode fiber.



LC

SC

↑ MOST COMMON ↓

0 - 1000 ft: MULTIMODE OM3 / OM4

1000 ft +: SINGLE MODE OS2



**EQUIPMENT TO
DISPLAYS/
PROJECTORS**

Minimum: 2 strands
Example: D50125MOM3R
Preferred: 2 - 4 strands
Example: 4D50125MOM3P

Minimum: 2 strands
Example: D29125SMOSP-B
Preferred: 2 - 4 strands
Example: 4D9125SMOS2P-B



**NETWORK SWITCH TO
NETWORK SWITCH**

Minimum: 2 strands
Example: D50125MOM3R
Preferred: 4 -12 strands
Example: 12D50125MOM3P

Minimum: 2 strands
Example: D29125SMOSP-B
Preferred: 4 - 12 strands
Example: 12D9125SMOS2P-B



**NETWORK SWITCH
TO ACCESS POINT**

Minimum: 2 strands
Example: D50125MOM3R

Minimum: 2 strands
Example: D29125SMOSP-B



A/V RACK TO A/V RACK

Minimum: 2 strands
Example: D50125MOM3R
Preferred: 4 - 12 strands
Example: 12D50125MOM3P

Minimum: 2 strands
Example: D29125SMOSP-B
Preferred: 4 - 12 strands
Example: 12D9125SMOS2P-B



**SECURITY CAMERAS
& MEDIA CONVERTERS**

Minimum: 2 strands
Example: D50125MOM3P
Preferred: 2 - 4 strands
Example: 4D50125MOM3P

Minimum: 2 strands
Example: D29125SMOSP-B
Preferred: 2 - 4 strands
Example: 4D9125SMOS2P-B



**SERVICE DEMARC OR
SATELLITE DISH TO
CABLE DISTRIBUTION**

Minimum: 2 strands Multimode + 2 strands Single Mode
Example: D50125MOM3P + D29125SMOSP-B



**GENERAL PREWIRE
(FUTURE PROOFING)**

Minimum: 2 - 6 strands
Example: 6D50125MOM3P

Example part numbers are **GENERAL GUIDELINES ONLY**. Always verify installation requirements for jacket and cable rating before choosing a cable type.