

Graded Index Multimode Cables



DESCRIPTION

Multimode patchcords and cable assemblies are long or short lengths of graded index multimode fiber with connectors installed on each end. Multi-fiber break out style cables are also available. These tend to be simple assemblies but they are critically important wherever they are used. They simply must be made correctly and they simply must be tested.

RoMack has decades of experience manufacturing the highest quality single fiber assemblies available in the world.

RoMack fabricates its patchcord and cable assemblies from the highest quality traceable materials

offering the widest range of choices possible in order to tailor products to exact specifications.

RoMack will provide any standard fiberoptic connector or end fitting but can also fabricate custom end fittings or finishes to suit your custom or OEM applications. For example, flat polishing bare fiber ends, angle polishing of connectors, or bare fibers, and anti-reflective coatings are common for RoMack.

Don't be fooled by those that say "it's just a patchcord". Every component is critical and you can count on RoMack to treat your patchcords that way.

APPLICATIONS

- Premises distribution systems
- LANs
- Data routing
- Interconnects of all kinds
- Medical
- Sensor

FEATURES

- High return loss.
- Low insertion loss.
- All connector styles.
- Graded Index 62.5/125 or 50/140.
- Various cabling and jacketing options.
- Quick turn around.
- Each cable individually tested.

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ORDERING/SPECIFYING INFORMATION

Cable assembly products need to be specified with regard to their length and end terminations. Harsh environment or specialty application information should also be transmitted if applicable.

The specifying system is an effort to accommodate the most common assemblies.

We have called out standard fiber, connectors, and jacket types here, but we can provide so much more.

If you cannot specify the cable you desire or want something not listed, please give RoMack a call and one of our application specialists will help you.

NOTES

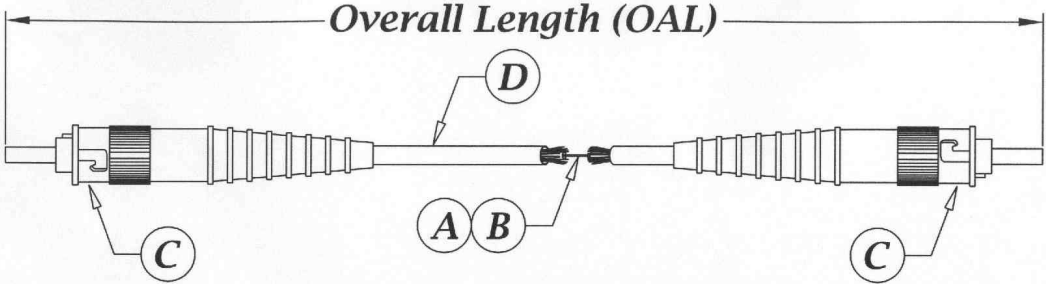
Attenuation:

Varies by manufacturer and wavelength but all fibers are industry wide highest quality. All cables assemblies are shipped with a test record.

Connector to Connector Loss:

Dependent upon the connector system.

For assemblies not accommodated by the specifying system or for special applications, please call RoMack.



Overall Length (OAL)

| | | | | | | | | | | | | |
|---|---|---|------------|-------|------------|-------|-----------------|--------------------|---------------|------------------|-------|-----------------|
| <p>(A) Fiber Type</p> <p>1) Silica - Graded Index 2) Other _____</p> | <p>(B) Fiber Size</p> <p>1) 62.5/125/900 2) 100/140/250 3) Other _____</p> | <p>(C) Connector</p> <table border="0" style="width: 100%;"> <tr> <td>1) SMA-905</td> <td>6) ST</td> </tr> <tr> <td>2) SMA-906</td> <td>7) SC</td> </tr> <tr> <td>3) HI-Power SMA</td> <td>8) Ø0.250" Ferrule</td> </tr> <tr> <td>4) O-ring SMA</td> <td>9) Ø10mm Ferrule</td> </tr> <tr> <td>5) FC</td> <td>10) Other _____</td> </tr> </table> | 1) SMA-905 | 6) ST | 2) SMA-906 | 7) SC | 3) HI-Power SMA | 8) Ø0.250" Ferrule | 4) O-ring SMA | 9) Ø10mm Ferrule | 5) FC | 10) Other _____ |
| 1) SMA-905 | 6) ST | | | | | | | | | | | |
| 2) SMA-906 | 7) SC | | | | | | | | | | | |
| 3) HI-Power SMA | 8) Ø0.250" Ferrule | | | | | | | | | | | |
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| 5) FC | 10) Other _____ | | | | | | | | | | | |

(D) Jacketing

1) PVC Tubing
2) PVC/Kevlar Furcation Tubing
3) PVC Monocoil
4) Stainless Steel BX
5) Braided SSSL/PTFE Hose
6) Teflon Tubing
7) Other _____

Temperature Requirements: _____

Other Requirements: _____

Specifying Method

GI - A B C/C D X X X X (OAL-cm)

Example : GI-136/62 0125

GI - 1 2 6/6 2 0 1 2 5 (cm)

Graded Index, 50/140, ST connector, ST connector,
PVC/Kevlar Furcation Tubing, 125 CM Long.

Please contact RoMack regarding high temperature,
chemical, vacuum, or any other environmental concerns.

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