

SMI Cable Assemblies - Non Flammable



The Small Multimedia Interface (SMI) cable assemblies Non Flammable are used for low cost, high speed data transmission for applications such as avionic, marine and industrial.

Overview

Electronic Links International, Inc. is introducing a family of the SMI cable assemblies specifically produced to address avionic, marine and other applications where non flammability is a requirement.

The form factor is compliant with the International Electromechanical Commission standard (IEC 61754-21).

These assemblies have a primary and secondary jacket that covers the POF core.

These assemblies are intended to mate with a printed circuit board socket also produced by ELII.

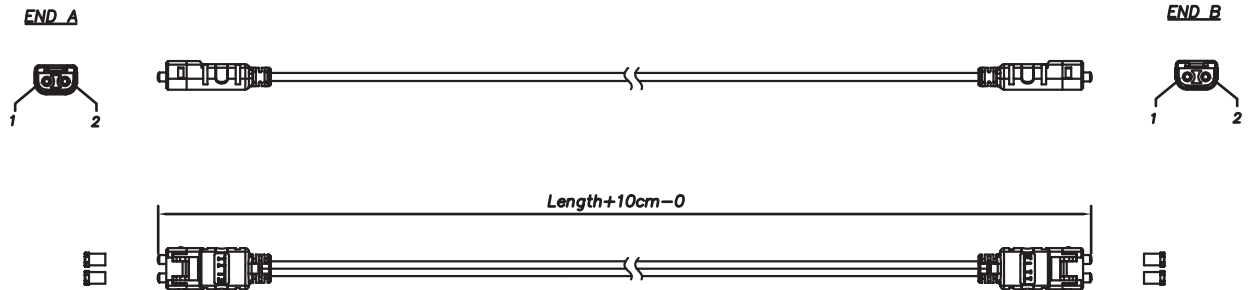
Specifications

| | |
|-----------------|------------------|
| Data Rate: | Up to 250 Mbps |
| Distance: | Up to 100 meters |
| Insertion Loss: | 3.0 dB |
| Durability: | 500 cycles |
| Mating Force: | 3.0 kgf |
| Unmating Force: | 0.5 to 3.0 kgf |

Features

- Optimized for use in avionic, marine and industrial applications
- RoHS compliant
- Dual jacket over the core
- No Electromagnetic Interference (EMI)
- TPE jacket

SMI POF Cable Assemblies - Non Flammable



Fiber Path

| End A | End B |
|-------|-------|
| 1 | 2 |
| 2 | 1 |

Part Number

ELII-SMI-P-XXX-Y-Z

Cable Structure

1=PMMA Fiber 2.2mm o.d. (NA=0.3)

2=PMMA Fiber 2.7mm o.d. (TPE DUAL JACKET) (NA=0.5)

Housing Color

B=Black

G=Gray

Z=Brown

Length in meter, up to 100 meter

xxx=001=1 meter

P=terminated at both ends

O=Open, Terminated at one end only

K=Kit, loose components

ElectronicLinks
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