

## 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.

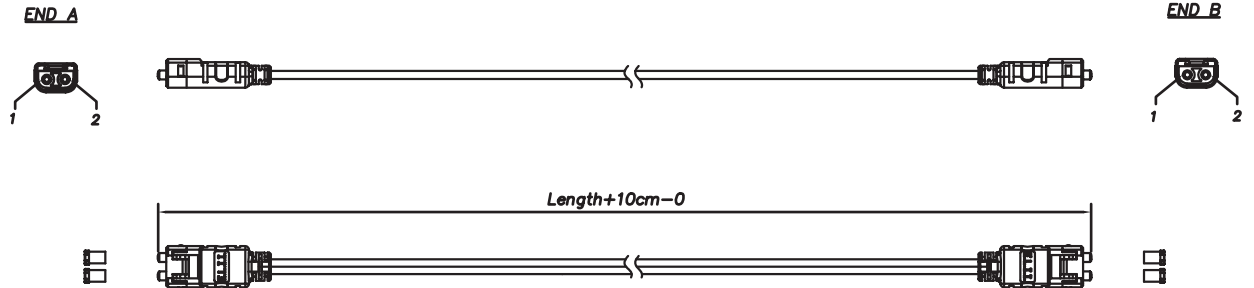
### Specifications

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

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international inc

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20 Hawley Street | Fifth Floor, East Tower | Binghamton, NY 13901 USA

Tel: 607.761.9952 | Fax: 607.772.0118

Email: [info@electronic-links.com](mailto:info@electronic-links.com) | Web: [www.electronic-links.com](http://www.electronic-links.com)