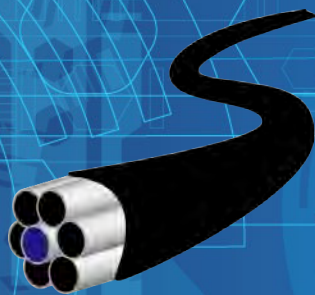




## Transit & Halogen-Free Wire & Cable



**SYCOR**  
TECHNOLOGY INC



# INDUSTRY



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## Transit & Halogen-Free Applications

The halogenated products are generally used because of their reliability and relatively low pricing. Halogenated cables are typically challenging to duplicate in price and performance, which is why they're used so frequently within today's applications. For example, PVC or polyvinyl chloride is one of the most used products because of its low cost, versatility, and performance. PVC's low cost and high performance make it very difficult to replicate, but if set on fire, the resulting fumes would poison and potentially kill any plant, animal or human life in the vicinity.

In addition to the decreased public safety risks surrounding using Halogen-free cables, they are also more eco-friendly. These unique cables are flame-retardant, self-extinguishing, and, when burned, they produce less smoke and significantly lower carbon monoxide levels. They're also considerably easier to dispose of and recycle.

Low-smoke zero halogen products are becoming more and more common as public health concerns continue to grow. Here at Sycor, our team understands this change and is making an effort to offer a wide range of transit and halogen-free products that can replace the highly halogenated counterparts. If you have any questions or concerns, our team would love the opportunity to help!

# PRODUCTS



**SYCOR**  
TECHNOLOGY INC

## Designated Transit Cable

### Transit Cable XLPO Wire 110°C 2000V

Cross-linked (XLPO) insulation, Polyethylene tape binder,  
Cross-linked (XLPO) Jacket  
AAR S-501, AAR RP-585, ICEA S-66-524 (S-95-658), UL  
VW-1, IEEE-383

### Transit XLPO Multi-Conductor UL1685 110°C 600V

Cross-linked (XLPO) insulation, Polyethylene tape binder  
Cross-linked (XLPO) Jacket  
AAR S-501, AAR RP-585, ICEA S-66-524 (S-95-658), UL  
VW-1, IEEE-383

### Additional Safety Tests

BSS 7239 transit toxicity  
NFPA 130-2014 transit & passenger rail  
UL 1685 FT4/ IEEE 1202 for smoke  
49 CFR part 238 (ICEA S-19-81) flame & smoke  
ASTM E662 flaming & non-flaming modes



### Transit Diesel Locomotive XLPO Wire 125°C 600V or 2000V

Tinned copper conductors, Cross-linked (XLPO) insulation  
AR S-501, AAR RP-585, ICEA S-66-524 (S-95-658), BSS 7239  
transit toxicity, 49 CFR part 238 (ICEA S-19-81) flame &  
smoke.

## Cable Management

Cross Linked XLPO Tubing

Cross Linked XLPO Heat Shrink

\*Other LSZH cable management products available on request.

## Hook-Up Wire

### Harmonized H05V-K/H07V-K 80°C 450V / 750V

Fine Bare Copper Conductors, Special PVC Insulation  
<HAR> HD 21.3 S3, VDE-0281 Part-3, CE 73/23/EEC &  
93/68/EEC

\* UL & CSA alternatives available

### Harmonized H07V-R 80°C 450V / 750V

Fine Bare Copper Conductors, Special PVC Insulation  
<HAR> HD 21.3 S3, VDE-0281 Part-3, CE 73/23/EEC &  
93/68/EEC

\* UL & CSA alternatives available

## Sycor's Unique Transit / Halogen-Free Cable

\*Only available for mill runs

### Type SIS LSZH Wire - CL1251(125°C) UL3173 (90°C) 600V

Tinned copper conductors, XLPE Low-Smoke Zero  
Halogen (LSZH) Insulation  
CSA & UL SIS approved, CL1251 & UL3173

\*Additional constructions available on request





# CONTACTS



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