



# Transit XLPO Multi-Conductor Wire

## UL 1685 110°C 600V

### Description

Sycor's multi-conductor transit cables are designed to effectively work inside or outdoors. The cable is made with flame-resistant material, crush resistant, moisture resistant and chemical resistant construction. With highly flexible stranding the multi-conductor transit cable can easily be installed in underground ducts, direct burial applications and metal trays.

### Temperature Rating

110°C

### Voltage Rating

2000V

### Application

Specifically for use in rail transit vehicles. Exhibits high resistance to moisture, abrasion, oil and grease. Fire resistant with low smoke and acid gas generation.

### Construction

Stranded tinned copper conductors  
Irradiated cross-linked (XLPO) insulation  
Polyethylene tape binder  
cross-linked (XLPO) Jacket

### Approvals

AAR S-501, AAR RP-58  
ICEA S-66-524 (S-95-658)  
ULVW-1  
IEEE-383

### 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



Sycor Part No	Number of Conductors	AWG	Stranding	Insulation Thickness (In)	Nom. O.D. (In)	Shielding Type	Approx Weight LBS./MFT
SCCTX160-1802	2	18	19/30	0.045"	0.339"	Braid	67
SCCTX160-1602	2	16	19/29	0.045"	0.348"	Braid	74
SCCTX160-1402	2	14	19/27	0.045"	0.374"	Braid	88
SCCTX160-1202	2	12	19/25	0.045"	0.410"	Braid	116
SCCTX160-1803	3	18	19/30	0.045"	0.351"	Braid	81
SCCTX160-1603	3	16	19/29	0.045"	0.366"	Braid	92
SCCTX160-1403	3	14	19/27	0.045"	0.400"	Braid	120
SCCTX160-1203	3	12	19/25	0.045"	0.438"	Braid	145
SCCTX160-1804	4	18	19/30	0.045"	0.374"	Braid	92
SCCTX160-1604	4	16	19/29	0.045"	0.402"	Braid	109
SCCTX160-1404	4	14	19/27	0.045"	0.427"	Braid	130
SCCTX160-1204	4	12	19/25	0.045"	0.480"	Braid	187
SCCTX100-1802	2	18	19/30	0.045"	0.311"	Unshielded	50
SCCTX100-1602	2	16	19/29	0.045"	0.326"	Unshielded	55
SCCTX100-1402	2	14	19/27	0.045"	0.351"	Unshielded	68
SCCTX100-1202	2	12	19/25	0.045"	0.395"	Unshielded	100
SCCTX100-1803	3	18	19/30	0.045"	0.328"	Unshielded	70
SCCTX100-1603	3	16	19/29	0.045"	0.343"	Unshielded	73
SCCTX100-1403	3	14	19/27	0.045"	0.371"	Unshielded	87
SCCTX100-1203	3	12	19/25	0.045"	0.410"	Unshielded	115
SCCTX100-1804	4	18	19/30	0.045"	0.362"	Unshielded	74
SCCTX100-1604	4	16	19/29	0.045"	0.375"	Unshielded	90
SCCTX100-1404	4	14	19/27	0.045"	0.427"	Unshielded	130
SCCTX100-1204	4	12	19/25	0.045"	0.453"	Unshielded	145

\*Additional Stranding and gauges available upon request. Please contact us to enquire.

### Colour Codes



### Value Added Services



Cutting



Stripping



Re-Spooling



Printing

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

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