



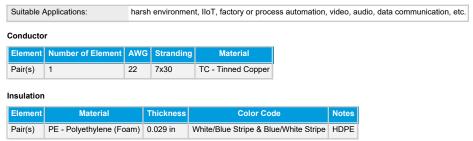
Product: <u>3105T</u> ☑

RS-485, 1 Pr, 22AWG, Str TC, PE Ins, OS+TC Brd, LSZH Jkt, CMG, PLTC, Sun Res

Product Description

RS-485, 120 Ohm, 1 pair 22AWG (7x30) tinned copper Datalene® insulaton, Overall Foil + 65% Tinned Copper Braid, LSZH jacket, CMG PLTC, SUN RES

Technical Specifications



Outer Shield Material

| Shield Type | Material | Coverage | Drainwire Type |
|--------------|--|------------|------------------|
| Tape + Braid | Bi-Laminate (Alum+Poly) + Tinned Copper (TC) | 100% + 65% | 22 AWG (7x30) TC |

Outer Jacket Material

| Material | | Thickness | Nom. Diameter |
|------------------------------------|---------------------|-----------|---------------|
| LSZH - Low Smoke Zero Haloger | n (Flame Retardant) | 0.125 in | 0.450 in |
| Cable Diameter (Nominal): 0.450 in | | | |

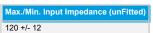
Electricals

| Element | Characteristic Impedence | Nom. Velocity of Prop. |
|---------|--------------------------|------------------------|
| Pair(s) | 120 Ohm | 78% |

High Frequency (Nominal/Typical)

| Element | Frequency [MHz] | Nom. Insertion Loss |
|---------|-----------------|---------------------|
| Pair(s) | 1 MHz | 0.5 dB/100ft |

High Freq



Voltage



Temperature

| UL Rating | Operating |
|------------------|----------------|
| 60°C | -20°C to +60°C |

Bend Radius



Max. Pull Tension: 60 lbs

| Bulk Cable Weight: | 102 lbs/1000ft |
|---------------------------------|---|
| Environmental Suitability: | Sunlight Resistance |
| Flammability / Fire Resistance: | UL 1685 UL Loading |
| NEC / UL Compliance: | Article 725, Article 800, CMG, PLTC |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Update and Revision: | Revision Number: 0.131 Revision Date: 09-30-2020 |

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