

Product: [50097TPE](#) 

2C1.5mm², Cu. Cond., PVC Ins, TPE Jkt As-Interface Bus Flat Cable



Product Description

2 Cores 1.5 mm², Stranded Annealed Tinned Copper Conductors, PVC insulated & Overall TPE Jacket As- Interface Bus Flat cable.

Technical Specifications

Product Overview

Suitable Applications:	For applications upto and including 300V.
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Construction Details

Conductor

Element	No. of Elements	Size	Material
Conductor(s)	2	1.5 mm ²	TC - Tinned Copper (High Conductivity)

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.5 mm (0.020 in)	2.5 mm (0.098 in)	Brown, Blue

Conductor Spacing Center-Center:	3.6 ± 0.2 mm
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Outer Jacket

Material	Nom. Thickness	Nom. Thickness Flat Section	Nom. Width
TPE - Thermoplastic Elastomer	0.55 mm (0.022 in)		6.5 mm (0.26 in)
		4.0 mm (0.16 in)	10 mm (0.39 in)

Electrical Characteristics

Electricals

Max. Conductor DCR	Nom. Capacitance Cond-to-Cond
13.7 Ohms @ 20 Deg C	80 pF/ft (260 pF/m)

Voltage

UL Voltage Rating	Breakdown Voltage
300 V	2000 V

Mechanical Characteristics

Temperature

Operating
-30°C to +105°C

Standards and Compliance

Flammability / Reaction to Fire:	FT4
AWM Compliance:	AWM I/II A/B
CEC / C(UL) Compliance:	C22.2 No.210.2.
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Other Standard Compliance(s):	UL 758
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Product Notes

Notes:	UL 13, EN 50295, IEC 60266-2
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History

Update and Revision:	Revision Number: 0.11 Revision Date: 05-31-2024
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