



Part Number: 82489

Audio/Control/Instrumentation, (4) 18 AWG (19x30) TC, FEP/LS PVC, CMP

Product Description

Four 18 AWG stranded (19x30) tinned copper conductors, conductors cabled, Teflon® (FEP) insulation, Flamarrest® jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	4
Total Number of Conductors:			4

Insulation:

Material	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.007 in

Color Chart 1:

Number	Color
1	Black
2	White
3	Red
4	Green

Outershield 1:

Material

Unshielded

Outerjacket 1:

Material

Material Trade Name

Nominal Diameter

Nominal Wall Thickness

LS PVC - Low Smoke Polyvinyl Chloride

Flamarrest®

0.166 in

0.014 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR

6.4 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor

21 pF/ft

Current:

Max. Recommended Current [A]

7.2 Amps per conductor @ 25°C

Voltage:

UL Voltage Rating

300 V RMS

Use

Max Recommended Pulling Tension:

100 lbs

Safety

CSA Flammability:

FT6

UL Flammability:

NFPA 262

Temperature Range

Operating Temp Range:

0°C To +75°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:

1.75 in

Part Number

Plenum (Y/N):	Yes
Non-Plenum Number:	8489

Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Product Variants

Part Number	Color	Put-Up Type	Length
82489 8771000	NATURAL	Reel	1000 ft
82489 877U1000	NATURAL	UnReel	1000 ft

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