Product: 1502P



Media Control, 1 Pair 22 AWG TC, 2 Cond. 18 AWG, Plenum

Product Description

Multimedia Control Cable, 1 Pair 22 AWG stranded (7x30) tinned copper (data) with foam FEP insulation, Beldfoil® shield w/ drain, 2 Conductor 18 AWG stranded (16x30) tinned copper conductor (power) with Flamarrest® insulation, Plenum, Flamarrest® jacket

Technical Specifications

Product Overview

Suitable Applications:	Multi-Media & Lighting Automation / Control, AMX™ and Crestron ® Control Systems

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper
Conductor(s)	2	18 AWG	19x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene (Foam)	0.023 in (0.58 mm)	0.074 in (1.9 mm)	Blue & White
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.068 in (1.7 mm)	Red & Black

Inner Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.205 in (5.21 mm)

Overall Cable Diameter (Nominal):	0.205 in (5.21 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Pair(s)	18.2 Ohm/1000ft	17.42 Ohm/1000ft (57.15 Ohm/km)	14 pF/ft (46 pF/m)	38 pF/ft (120 pF/m)	100 Ohm	6 Amps per conductor @ 30°C
Conductor(s)	6.9 Ohm/1000ft (23 Ohm/km)		29 pF/ft (95 pF/m)			14 Amps per conductor @ 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
2.1 in (53 mm)	2.1 in (53 mm)

Max. Pull Tension:	73.1 lbs (33.2 kg)
Bulk Cable Weight:	31 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	1502R

Product Notes

Notes:	Sequential footage marking every two feet.

History

Update and Revision:	Revision Number: 0.500 Revision Date: 12-22-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1502P 010Z500	Black	ReelTuff Box	500 ft	612825435112	
1502P 0101000	Black	Reel	1,000 ft	612825115908	C
1502P 010Z1000	Black	ReelTuff Box	1,000 ft	612825435099	
1502P 8771000	Natural	Reel	1,000 ft	612825115915	C
1502P 877Z1000	Natural	ReelTuff Box	1,000 ft	612825435105	
1502P 8775000	Natural	Reel	5,000 ft	612825115939	
1502P 87710000	Natural	Reel	10,000 ft	612825115922	

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