



REPRESENTATIVE IMAGE

Product: [1502R](#)

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

Product Description

Multimedia Control Cable, 1 Pair 22 AWG stranded (7x30) tinned copper (data) with FPE insulation, Beldfoil® shield w/ drain, 2 Conductor 18 AWG stranded (16x30) tinned copper conductor (power) with F-R PVC insulation, Riser, F-R PVC jacket

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	22	7x30	TC - Tinned Copper
Conductor(s)	2	18		TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code	Notes
Pair(s)	PE - Polyethylene (Foam)	0.025	Blue & White, Red & Black	HDPE
Conductor(s)	PVC - Polyvinyl Chloride	0.013	Red & Black	

Inner Shield Material

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

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.039 in	0.25 in	Yes

Cable Diameter (Nominal):	0.25 in
---------------------------	---------

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Max. Current
Pair(s)	16.3 Ohm/1000ft	14 pF/ft	38 pF/ft	100 Ohm	3.8 Amps per Conductor at 25°C (22 AWG); 7.2 Amps per Conductor at 25°C (18 AWG)
Conductor(s)	6.9 Ohm/1000ft	29 pF/ft			

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating
-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.5 in	2.5 in

Max. Pull Tension:	59.8 lbs
Bulk Cable Weight:	40 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Vertical Shaft, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
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)
Plenum Number:	1502P

Product Notes

Notes:	Sequential footage marking every two feet.
--------	--

History

Update and Revision:	Revision Number: 0.344 Revision Date: 08-25-2020
----------------------	--

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.