

ATMM50 Multi-Conductor - Category 3 Nonbonded-Pair Armored Cable

For more Information
please call

1-800-Belden1



General Description:

CAT3, ATMM/ARMM, 50-Pair, F/UTP-Foil Shield, Riser-CMR, Premise Backbone Cable, 24 AWG solid bare copper conductors, foamed polyolefin insulation with PVC skin, Ripcord, corrugated aluminum shield bonded to overall PVC jacket

Usage (Overall)

Suitable Applications: Premise Backbone Cable

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
50	24	Solid	BC - Bare Copper

Total Number of Conductors: 100

Insulation

Insulation Material:

Insulation Material
Foamed Polyolefin

Outer Shield

Outer Shield Material:

Type
Corrugated aluminum

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (mm)
16.764

Overall Cable

Overall Cabling Color Code Chart:

Number	Group/Cond. Color
1	White/Blue (12)
2	White/Blue (13)
3	White/Orange (12)
4	White/Orange (13)

Pair

Pair Color Code Chart:

Number	Color
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown
5	White & Slate
6	Red & Blue

ATMM50 Multi-Conductor - Category 3 Nonbonded-Pair Armored Cable

7	Red & Orange
8	Red & Green
9	Red & Brown
10	Red & Slate
11	Black & Blue
12	Black & Orange
13	Black & Green
14	Black & Brown
15	Black & Slate
16	Yellow & Blue
17	Yellow & Orange
18	Yellow & Green
19	Yellow & Brown
20	Yellow & Slate
21	Violet & Blue
22	Violet & Orange
23	Violet & Green
24	Violet & Brown
25	Violet & Slate

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
UL Temperature Rating:	60°C
Bulk Cable Weight:	342.286 Kg/Km
Min. Bend Radius/Minor Axis:	330.200 mm
Min. Bend/Installation:	330.200 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMR
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/19/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	TIA/EIA 568-C.2 Category 3 backbone cable requirements at the power-sum level.

Flame Test

UL Flame Test:	UL1666 Riser
C(UL) Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No
----------------------	----

Notes (Overall)

Notes: Jacket sequentially printed with dual footage and meter markings.

Reference (Overall)

ATMM50 Multi-Conductor - Category 3 Nonbonded-Pair Armored Cable

Previous Part Number: 22713020

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
ATMM50 008CUT	1 FT	0.324	GRAY		CAT3 50PR ATMM CMR CUT

Revision Number: 2 Revision Date: 12-16-2014

© 2019 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.