

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. (in.)
0.660

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
7	Red & Orange
8	Red & Green
9	Red & Brown
10	Red & Slate
11	Black & Blue
12	Black & Orange
13	Black & Green
14	Black & Brown

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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:	230 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	13 in.
Min. Bend/Installation:	13 in.

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
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Notes (Overall)

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

Reference (Overall)

Previous Part Number:	22713020
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
ATMM50 008CUT	1 FT	0.000	GRAY		CAT3 50PR ATMM CMR CUT

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