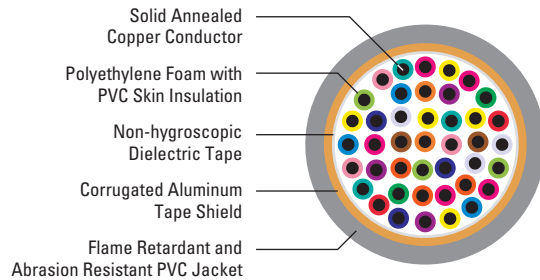


# AR Series Riser

ARAM/ARMM



## Product Description

The AR Series Riser Cables are intended for vertical and horizontal distribution in commercial buildings and meet Category 3 electrical specifications. This includes all applications except those in plenums. These cables have a fire-retardant PVC jacket and have been listed as CMR rated, in accordance with the National Electrical Code. AR cables are color coded to match standard Outside Plant (OSP) cable designs. The cable consists of solid soft bare copper that's insulated with foam polyethylene and a skin of PVC. Cores through 900-pair are color coded to match the standard PIC color code. Cables 1,200-pair and larger have a "Mirror Image" color code. Spare pairs are offered in cables of 1,200-pair and larger. An alvyn sheath is applied overall. The alvyn sheath consists of a 8 mil aluminum tape applied longitudinally and bonded to a gray PVC outer jacket.

## Applications

- Riser shafts without using conduits
- 4 Mbps token ring
- Analog voice
- 10BASE-T ethernet

## Features

- CMR rating
- Shielded design

## Benefits

- Meets NFPA code for riser applications
- Provides EMI/RFI shielding

## Specifications

<b>Pair Count</b>	Available in 25-pair up to 2,400-pair
<b>Conductor</b>	Solid annealed copper
<b>AWG (mm)</b>	Available in 22 (0.64) and 24 (0.51)
<b>Insulation</b>	Polyethylene foam with PVC skin
<b>Shield</b>	Corrugated 8 mil aluminum tape
<b>Jacket</b>	Gray, flame retardant and abrasion resistant PVC
<b>Characteristic Impedance (Ohms)</b>	100 ± 15
<b>Nominal Velocity of Propagation (%)</b>	60
<b>Package</b>	Cut to length
<b>Performance Compliance</b>	UL 444 CSA C22.2 No. 214-08 UL 1666 Telcordia GR-111 ANSI/TIA-568-C.2 RoHS-compliant
<b>NRTL Programs</b>	UL, c(UL) Listed CMR

## Part Numbers and Physical Characteristics

Part Number	Product Code	Pair Count	AWG (mm)	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)
02-062-03	ARAM	25	22 (0.64)	0.61 (15)	203 (303)
02-065-03	ARAM	50	22 (0.64)	0.77 (20)	347 (517)
02-069-03	ARAM	100	22 (0.64)	1.05 (27)	644 (960)
02-073-03	ARAM	200	22 (0.64)	1.41 (36)	1,184 (1,766)
02-075-03	ARAM	300	22 (0.64)	1.68 (43)	1,699 (2,533)
02-077-03	ARAM	400	22 (0.64)	1.94 (49)	2,200 (3,280)
02-081-03	ARAM	600	22 (0.64)	2.30 (58)	3,196 (4,766)
02-097-03	ARMM	25	24 (0.51)	0.51 (13)	146 (218)
02-100-03	ARMM	50	24 (0.51)	0.64 (16)	241 (360)
02-104-03	ARMM	100	24 (0.51)	0.89 (23)	447 (667)
02-106-03	ARMM	150	24 (0.51)	1.02 (26)	618 (922)
02-108-03	ARMM	200	24 (0.51)	1.14 (29)	788 (1,175)
02-110-03	ARMM	300	24 (0.51)	1.35 (34)	1,129 (1,684)
02-112-03	ARMM	400	24 (0.51)	1.53 (39)	1,427 (2,128)
02-116-03	ARMM	600	24 (0.51)	1.85 (47)	2,106 (3,140)
02-118-03	ARMM	900	24 (0.51)	2.20 (56)	3,060 (4,563)
02-120-03	ARMM	1,200	24 (0.51)	2.50 (63)	4,008 (5,977)
02-121-03	ARMM	1,500	24 (0.51)	2.80 (71)	5,013 (7,476)
02-124-03	ARMM	1,800	24 (0.51)	3.05 (77)	5,958 (8,884)
02-125-03	ARMM	2,100	24 (0.51)	3.30 (84)	6,908 (10,302)
02-126-03	ARMM	2,400	24 (0.51)	3.52 (89)	7,852 (11,709)