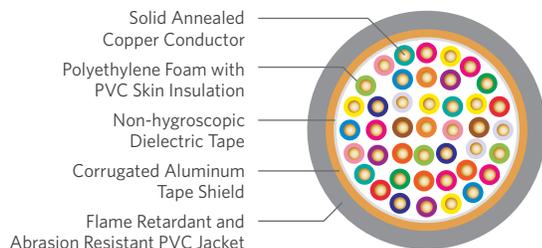


ARMM Series

CMR



PRODUCT DESCRIPTION

The ARMM Series 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. ARMM 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

Pair Count	Available in 25-pair up to 2,400-pair
Conductor	Solid annealed copper
AWG (mm)	24 (0.51)
Insulation	Polyethylene foam with PVC skin
Shield	Corrugated 8 mil aluminum tape
Jacket	Gray, flame retardant and abrasion resistant PVC
Characteristic Impedance (Ohms)	100 ± 15
Nominal Velocity of Propagation (%)	71
Performance Compliance	UL 444 CSA C22.2 No. 214-08 UL 1666 Telcordia GR-111 ANSI/TIA-568-C.2 Article 800, NEC (NFPA 70) RoHS-compliant
NRTL Programs	UL, c(UL) Listed CMR

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Listing	Part Number	Pair Count	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package
CMR	02-097-03	25	0.51 (13)	146 (218)	Cut to length
CMR	02-100-03	50	0.64 (16)	241 (360)	Cut to length
CMR	02-104-03	100	0.89 (23)	447 (667)	Cut to length
CMR	02-106-03	150	1.02 (26)	618 (922)	Cut to length
CMR	02-108-03	200	1.14 (29)	788 (1,175)	Cut to length
CMR	02-110-03	300	1.35 (34)	1,129 (1,684)	Cut to length
CMR	02-112-03	400	1.53 (39)	1,427 (2,128)	Cut to length
CMR	02-116-03	600	1.85 (47)	2,106 (3,140)	Cut to length
CMR	02-118-03	900	2.20 (56)	3,060 (4,563)	Cut to length
CMR	02-120-03	1,200	2.50 (63)	4,008 (5,977)	Cut to length
CMR	02-121-03	1,500	2.80 (71)	5,013 (7,476)	Cut to length
CMR	02-124-03	1,800	3.05 (77)	5,958 (8,884)	Cut to length
CMR	02-125-03	2,100	3.30 (84)	6,908 (10,302)	Cut to length
CMR	02-126-03	2,400	3.52 (89)	7,852 (11,709)	Cut to length