

# Foam Skin ALVYN Riser

Riser Cable For Voice and Digital Transmission  
Spec. 2507 • Type CMR • Bell System Type: ARMM (24 AWG) • ARTM (26 AWG)



PRODUCT NUMBER	PAIRS	AWG	O.D. (INCHES)	WEIGHT (LBS/KFT)	STANDARD LENGTH (FT)
2019000	25	24	0.53	142	5000
2019001	50	24	0.66	234	5000
7507601	100	24	0.85	410	5000
7507619	200	24	1.20	760	2500
7507627	300	24	1.40	1105	2500
7507635	400	24	1.50	1445	2500
7507643	600	24	1.90	2150	1250
7507650	900	24	2.20	3170	1250
7507668	1200	24	2.60	4185	1000
2019005	50	26	0.56	165	5000
2019003	100	26	0.71	280	5000
2019004	200	26	0.92	495	5000
7507544	300	26	1.10	710	3000
7507551	400	26	1.20	930	3000
7507569	600	26	1.50	1365	1000
7507577	900	26	1.80	2025	1000
7507536	1200	26	2.00	2665	1000

Data subject to change without notice.  
Note: Non-stock items may be subject to minimum order quantities.

## Product Construction

### Conductors:

- 24 and 26 AWG solid bare annealed copper

### Insulation:

- Dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid PVC skin
- 24 AWG
  - Primary insulation, nominal O.D. = 0.031"
  - Secondary insulation, nominal O.D. = 0.035"
- 26 AWG
  - Primary insulation, nominal O.D. = 0.023"
  - Secondary insulation, nominal O.D. = 0.027"

### Color Code:

- See Color Code Chart on page 86, except no bandmarking, only solid colors

### Core Wrap:

- Non-hygroscopic dielectric tape applied longitudinally with an overlap

### Shield:

- 0.008" corrugated, adhesive-coated aluminum bonded to jacket

### Jacket:

- Gray flame-retardant PVC jacket bonded to the coated aluminum

## Packaging

- Standard lengths are shipped on returnable steel reels or on non-returnable wood reels when requested
- ARAM (22 AWG) is available upon request

## Applications

- Intended primarily for placement in vertical risers in buildings and may be used in general horizontal applications
- Designed for voice and carrier transmission between the station protector frames and other equipment terminals

## Compliances

- TIA/EIA 568 B.2 (Category 3 for 24 AWG only)
- Bellcore Specification TR-TSY-000111
- UL and c(UL) Type CMR

## Electrical Characteristics

	24 AWG	26 AWG	Frequency	Attenuation dB/100m (max)	NEXT dB
DC Resistance (max) Ohms/1000ft @ 20°C	27.3	43.9	0.772 MHz	2.2	43
Mutual Capacitance (nom) nF/mile @ 1 kHz	83	83	1 MHz	2.6	41
			4 MHz	5.6	32
			8 MHz	8.5	28
			10 MHz	9.7	26
			16 MHz	13.1	23

