

Foam Skin ALVYN Riser For Voice & Digital Transmission Type CMR

Spec. 2507
Bell System Type: ARMM (24 AWG)
ARTM (26 AWG)

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
- 22 AWG
 - Primary insulation, Nominal O.D. = 0.039"
 - Secondary insulation, Nominal O.D. = 0.044"
- 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 pages 34-35

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

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

Packaging

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



CATALOG NUMBER	PAIRS AWG	O.D. INCHES	WEIGHT LBS/MFT	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
7515018	1500/24	2.90	5185	1000
7507676	1800/24	3.10	6185	800
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
7515026	1500/26	2.20	3285	1000
7507585	1800/26	2.40	3915	1000
7515034	2100/26	2.60	4540	1000
7507502	2400/26	2.80	5160	1000
7507510	2700/26	3.00	5790	900
7507593	3000/26	3.10	6410	900
7507528	3600/26	3.40	7650	800

Data subject to change without notice. Contact your Customer Service Representative for latest information.

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

