

# Filled Foam Skin "S" Screened ASP Cable

## Spec. 2109-F

BELL SYSTEM TYPE KNAW (22 AWG)  
KNMW (24 AWG)



### Nominal Cable Data

CATALOG NUMBER	PAIRS AWG	O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
7528250	28/22	0.74	321	9000
7528268	54/22	0.92	516	9000
7528276	106/22	1.20	871	6000
7528284	158/22	1.40	1209	4500
7528292	210/22	1.60	1550	3000
7528300	314/22	1.90	2220	3000
7528318	418/22	2.10	3008	2000
7528326	616/22	2.50	4140	1500
2039061	28/24	0.62	222	9000
2039062	54/24	0.75	335	9000
2039063	106/24	0.96	547	6000
2039064	210/24	1.30	970	4500

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

### Core Construction:

#### Conductors:

- Solid, annealed copper; size 22 and 24 AWG

#### Insulation:

- Dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid polyolefin skin, color-coded in accordance with telephone industry standards

#### Twisted Pairs:

- Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk

#### Core Assembly:

- Twisted pairs are assembled into 12, 13 and 25 pair units, or into 50 pair multi-units
- Service pair units of 4 to 18 pairs are assembled for inclusion into the cable

#### "S" Screen:

- Each half of the cable core is separated from the other by use of a 0.004" plastic-coated aluminum screen which divides the core into two electrically isolated compartments

#### Filling Compound:

- The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape

#### Core Wrap:

- Non-hygroscopic dielectric tape applied longitudinally with an overlap

#### ASP Sheath:

##### Aluminum Shield:

- Corrugated, 0.008" aluminum tape applied longitudinally over the core wrap

##### Steel Shield:

- Corrugated, 0.006" steel tape applied longitudinally over the aluminum tape with an overlap
- The sheath interfaces are flooded with an adhesive water-blocking compound

#### Jacket:

- Black, linear low density polyethylene

#### Application(s):

- Intended for direct buried installation
- Designed for digital two-way T-Carrier signal operation under one cable sheath

#### Compliance:

- Telcordia (Bellcore) Specification GR-421-CORE
- RoHS Compliant (effective 1/1/10)

#### Packaging:

- Standard lengths are shipped on returnable steel reels or on non-returnable wood reels when requested
- Non-standard packaging is also available