

**PIC "S" SCREENED
BONDED PASP CABLE**

| <u>Pairs/ Gauge</u> | <u>Cable Code</u> | <u>Product Number</u> | <u>Approx. Weight Lbs./1000 Ft.</u> | <u>Nom.OD Inches</u> | <u>Length Feet</u> |
|-------------------------|-----------------------|---------------------------|---|--------------------------|------------------------|
| 28/22 | KHAH-28 | 7511835 | 345 | 0.85 | 5000 |
| 54/22 | KHAH-54 | 7511843 | 505 | 0.98 | 5000 |
| 106/22 | KHAH-106 | 7511850 | 825 | 1.2 | 5000 |
| 158/22 | KHAH-158 | 7511868 | 1150 | 1.5 | 4000 |
| 210/22 | KHAH-210 | 7511876 | 1460 | 1.6 | 2500 |
| 314/22 | KHAH-314 | 7511884 | 2090 | 1.9 | 2500 |
| 418/22 | KHAH-418 | 7511892 | 2670 | 2.2 | 2000 |
| 616/22 | KHAH-616 | 7511900 | 3840 | 2.6 | 1000 |

PACKAGING: All cables are supplied on returnable steel reels in standard lengths as shown above. Non-returnable wood reels and non-standard lengths are available upon request. Prior to shipment the inner jacket of each cable is pressurized and the ends are sealed.

APPLICATION: These cables are designed for two way T-Carrier signal operation under one cable sheath. They are used with digital systems in rural or suburban areas where resistance to lighting and mechanical damage is required. Applications are pressurized direct burial and aerial plant installation.

COMPLIANCE: Bellcore TR-TSY-000112, Issue 2.

CONSTRUCTION: Solid bare copper conductors are insulated with solid high density polyethylene and twisted into fully color coded pairs. The pairs are assembled to form a circular core. 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 separate compartments. The core is covered with a core tape and completed with a Bonded PASP sheath. This sheath consists of a linear low density polyethylene inner jacket, a corrugated 0.008" aluminum shield, and a corrugated polymer-coated 0.006" steel shield, bonded to a linear low density polyethylene outer jacket.

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ELECTRICAL CHARACTERISTICS:**22 AWG**

| | |
|---|----------------------------|
| DC Conductor Resistance [max.] Ohms/mile @ 20°C Individual Conductor | 91.0 |
| DC Resistance Unbalance [max.] Cable Average Individual Pair Percent | 1.5 5.0 |
| Attenuation at 772 kHz: [max. avg.] dB/kft. @ 20°C | 4.7 |
| 1 kHz Mutual Capacitance [avg.] | 83 +4, -5 nF/mile |
| 1 kHz Capacitance Unbal. [max.] Pair-to-Pair RMS Average Individual | 25 pF/kft. 80 pF/kft. |
| Pair-to-Ground Cable Average Individual Pair | 175 pF/kft. 800 pF/kft. |
| Near End Crosstalk Between Compartments: Power Sum Coupling Loss [Worst Pair] 772 kHz 1600 kHz | 70 dB 78 dB |

OTHER CHARACTERISTICS: All additional electrical and physical characteristics either meet or exceed those specified in Bellcore Specification TR-TSY-000112, Issue 2.