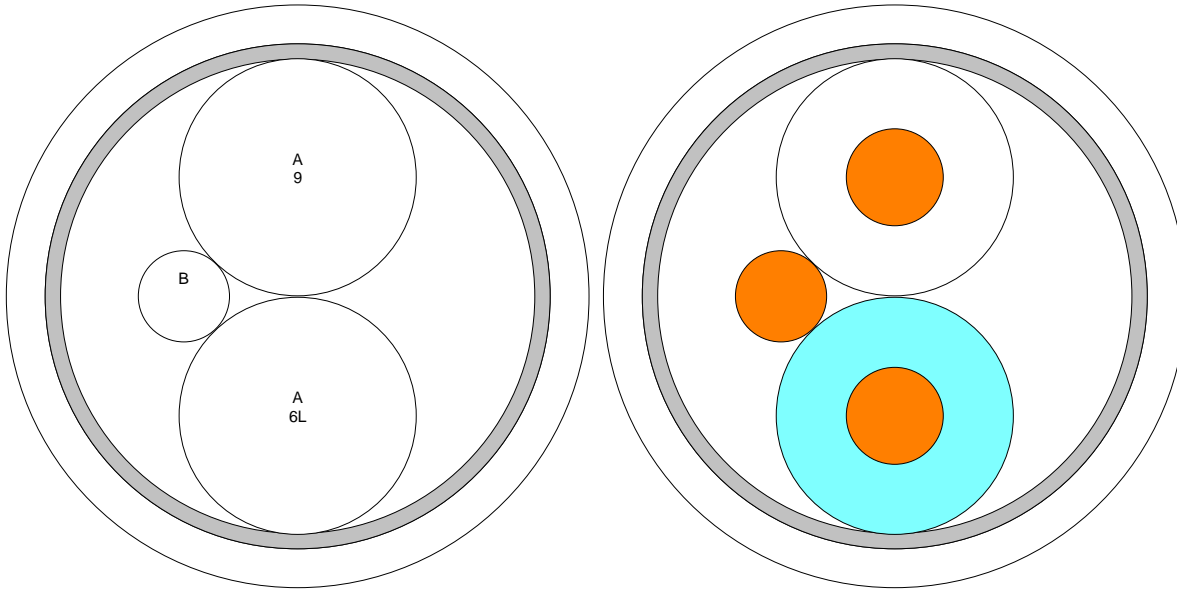


Identification, colors & marks

Cross section



Components

| ID | Quantity | Part number | Description |
|----|----------|------------------|------------------|
| A | 2 | 0024J0P24 | Dielectric |
| B | 1 | DRAIN-AWG24-SHCA | 24 AWG 19 Strand |

Cable

| Outer | Description | Thickness | | OD | |
|--------------------|------------------------------|-----------|------|---------|--------|
| | | Inches | mm | Inches | mm |
| Core | | | | 0.122 | 3.10 |
| Wrap | Aluminised poly. - facing in | 0.004 | 0.10 | 0.130 | 3.30 |
| Jacket | FEP white | 0.010 | 0.25 | 0.150 | 3.81 |
| Cable OD tolerance | | | | + 0.002 | + 0.05 |

| | | |
|---------------|--------------|-------------|
| Weight | 13.19 lb/kft | 19.67 Kg/Km |
|---------------|--------------|-------------|



Electronics

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Continued

Physical properties

| | |
|-------------------------|------------------|
| Jacket tensile strength | 2000 psi minimum |
| Jacket elongation | 200% minimum |

Electrical properties

| | |
|--------------------------------|--|
| Jacket Flaws | Spark Test: 1 kV (rms) |
| Impedance | 100 ohms (nominal), Method C, per Raychem Specification 1200 |
| Capacitance - Mutual | 12.5 pF/ft (nominal) per Raychem Specification 1200 |
| Velocity of Propagation | 79% (nominal) per Raychem Specification 1200 |
| Voltage Withstand | (Dielectric) 1000 V (rms)(minimum) per Raychem Specification 1200 |
| Attenuation (nominal) | 2.3 dB/100 ft at 10MHz per Raychem Specification 1200 |
| Voltage withstand (dielectric) | 1000 volts (rms) conductor to conductor and shield 500 volts (rms) shield to shield when applicable per WC 27500. Coax Components to their own SCD |

Notes

| | |
|--------------------------------|--|
| Colors | Color code designators shall be in accordance with MIL-STD-681. The color limits are yet to be determined. |
| Dimensions | Dimensions are in inches, and unless otherwise designated, are nominal. |
| Identification, Colors & Marks | Line 1: Identifies the component per the components' table. Line 2: color codes. Line 3: component marks "-" jacket marks. |
| Minimum length | This cable may be supplied in the following maximum number of continuous lengths : (Order quantity(ft)/300)+1 other length, with no length shorter than 50 ft., unless other specific length requirements are noted. |

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