

**Aerospace Part#: 2540S**

**PLENUM CABLE**

### DESCRIPTION

5 Pairs AWG 20/7x28 TC  
Overall Foil Shield FEP/FEP Gray CL2P CMP Special Color

### PHYSICAL PROPERTIES

#### Pairs

#### Insulation

| # Pairs | AWG     | Material      | Material | Wall  | Finished OD |
|---------|---------|---------------|----------|-------|-------------|
| 5       | 20/7x28 | Tinned Copper | FEP      | .007" | .052"       |

#### Outer Shield Material

#### Drain Wire

| Shield Type         | Material     | Coverage | AWG     | Material      |
|---------------------|--------------|----------|---------|---------------|
| Overall Foil Shield | Alum / Mylar | 100%     | 22/7x30 | Tinned Copper |

#### Outer Jacket Material

#### Cabling

| Jacket Material | Color | Wall  | Overall O.D. | Lay                                               |
|-----------------|-------|-------|--------------|---------------------------------------------------|
| FEP             | Gray  | .015" | .284" Nom.   | 2" Lay on Pair / 6" Lay on Cable with Clear Mylar |

### MECHANICAL PROPERTIES

| Operating Temp     | UL Temperature Rating | Total Weight | Bend Radius |
|--------------------|-----------------------|--------------|-------------|
| Rated -80C to 200C | Rated -80C to 150C    | 58.0 lbs/m   | 10 X OD     |

### ELECTRICAL PROPERTIES

| Max. Operating Voltage   |
|--------------------------|
| UL Rated 300V Power Ltd. |

### INDUSTRY APPROVALS AND COMPLIANCE

#### Standards & Environmental Programs

|                            |                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------|
| RoHS Compliant             | YES                                                                                       |
| Suitability                | Indoor, Direct Burial, Wet Location                                                       |
| Resistance                 | Oil, Gas, Sunlight, Abrasion, Acid                                                        |
| Applications               | Communications, Audio, Control, Instrumentation, Remote, Signaling, Power-limited systems |
| Flame Test                 | NFPA 262 / FT6                                                                            |
| NEC / (UL) Specification   | CL2P / CMP                                                                                |
| CEC / C (UL) Specification | CMP                                                                                       |

### MISCELLANEOUS

**Markings:** TYPE CL2P - TYPE CMP 20 AWG (UL), C(UL) 150C FEP/FEP E130356 ROHS

**Color Code:** Black/Red White/Green Brown/Blue Orange/Yellow Purple/Gray

#### Contact Us For More Information

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**LOW MINIMUM RUNS QUICK TURNAROUNDS CUSTOM CABLE SOLUTIONS MADE IN USA**

\* Specification subject to error and may change without notice