

RG405AL

Semi Rigid and Conformable 50 Ohms Coaxial Cable



| | |
|-------------------|---------------------------|
| PART NUMBER: | RG405AL |
| CATEGORY: | SEMI-RIGID |
| DESCRIPTION: | CABLE |
| IMPEDANCE: | 50 OHMS |
| DIELECTRIC: | TEFLON |
| OUTER CONDUCTOR: | TIN PLATED AL |
| CENTER CONDUCTOR: | SILVER PLATED COPPER WELD |

DIMENSIONS:

| | |
|-------------------|------------------|
| OUTER CONDUCTOR: | 0.0865" DIAMETER |
| DIELECTRIC: | 0.66" DIAMETER |
| CENTER CONDUCTOR: | 0.0201" DIAMETER |

MECHANICAL CHARACTERISTICS:

| | |
|-------------------------------|--------------|
| OPERATING TEMPERATURE RANGE: | -40 TO 125 C |
| MINIMUM INSIDE BEND DIAMETER: | 0.07 IN. |
| MAXIMUM WEIGHT: | 0.80 LBS/100 |

ELECTRICAL CHARACTERISTICS:

| | |
|----------------------------|-------------------|
| CAPACITANCE: | 29.0 pF/FT |
| CORONA EXTINCTION VOLTAGE: | 1500 VRMS @ 60 Hz |
| MAX OPERATING VOLTAGE: | 5000 VRMS @ 60 Hz |
| FREQUENCY RANGE: | DC TO 61 |

| | |
|----------------------|------------|
| MAXIMUM ATTENUATION: | (dB/100ft) |
| A. 500 MHz: | 15 |
| B. 1 GHz: | 22 |
| C. 5 GHz: | 50 |
| D. 10 GHz: | 80 |
| E. 20 GHz: | 130 |

| | |
|----------------|---------|
| MAXIMUM POWER: | (WATTS) |
| A. 500 MHz: | 180 |
| B. 1 GHz: | 130 |
| C. 5 GHz: | 54 |
| D. 10 GHz: | 35 |
| E. 20 GHz: | 20 |