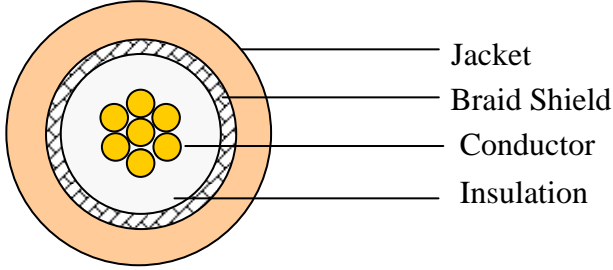




RF Mini Coax 0.80 SPECIFICATION

| | | | |
|--------------|--|------|----------------------|
| Style | UL1745 90°C 30V | | |
| Size | 36AWG | | |
| Standard : | | | |
| Conductor | Size | AWG | 36 |
| | Material | ---- | Silver-Coated Copper |
| | Conductors No. | ---- | 7 |
| | Construction Size | mm | 0.050 |
| | Stranded Diameter | mm | 0.15 |
| Insulation | Material | ---- | FEP |
| | Color | ---- | Clear |
| | Average Thickness | mm | 0.13 |
| | Diameter | mm | 0.40 ± 0.01 |
| Braid Shield | Material | ---- | Silver-Coated Copper |
| | Construction | mm | 8 / 6 / 0.050 |
| | Coverage | % | ≥ 95 |
| | Diameter | mm | 0.65 ± 0.02 |
| Jacket | Material | ---- | FEP |
| | Color | ---- | GRAY GY-08 |
| | Average Thickness | mm | 0.08 |
| | Overall Diameter | mm | 0.81 ± 0.03 |
| Marking | NON | | |
| Drawing |  | | |



SPECIFICATION

| Electrical & Physical Properties | | | | | |
|----------------------------------|--------|---------------------------|--|--------|--------|
| Item | | 36AWG | | | |
| Rating Temp Voltage | | 90°C 30V | | | |
| Conductor Resistance | | 1394 OHM / KM / 20°C MAX. | | | |
| Insulation Resistance | | 1000 MEGA OHM/KM MIN. | | | |
| Dielectric Strength | | AC 1.0 KV/Minute | | | |
| Spark Test | | 0.5 KV | | | |
| Insulation | Unaged | Tensile Strength | 2500 PSI MIN. (1.76 Kg / m ²) | | |
| | | Elongation | 200% MIN. | | |
| | Aged | Tensile Strength | UNAGED MIN. 75% (168HRS×232°C) | | |
| | | Elongation | UNAGED MIN. 75% (168HRS×232°C) | | |
| Jacket | Unaged | Tensile Strength | 2500 PSI MIN. (1.76 Kg / m ²) | | |
| | | Elongation | 200% MIN. | | |
| | Aged | Tensile Strength | UNAGED MIN. 75% (168HRS×232°C) | | |
| | | Elongation | UNAGED MIN. 75% (168HRS×232°C) | | |
| Nom. Impedance | | 50 ± 3 Ohms | | | |
| Nom. Capacitance | | 96 ± 3 pF/m | | | |
| Nom. Vel. of Prop. | | 69% | | | |
| VSWR Test(0-6 GHZ) | | Less 1.3 | | | |
| Flame Test | | VW-1 OK | | | |
| Attenuation (dB/1m) | 900MHZ | 1.8GHZ | 2.4GHZ | 5.2GHZ | 6.0GHZ |
| | 2.65 | 3.95 | 4.65 | 7.25 | 7.85 |