

TA HENG ELECTRIC WIRE & CABLE CO., LTD.

| | |
|-------------------|--|
| CLIENT | |
| SPEC NO. | |
| TH-20110613-36 | |
| PART NAME | |
| RF400 / RF400-PVC | |
| PART SPEC | |
| #10 X 1C | |
| FILE NO. | |
| NONE | |

| COMPONENT | | |
|------------------|--------------|--|
| NO. OF WIRE | | 1 PC |
| CONDUCTOR | CONSTRUCTION | 10AWG (1 / 2.77 mm) |
| | MATERIAL | BARE COPPER CLAD ALUMINIUM WIRE |
| INSULATION | MATERIAL | GAS INJECTED FOAMED POLYETHYLENE |
| | THICKNESS | 2.24 mm Nom. |
| | O.D. | 7.24 ± 0.10 mm |
| | COLOR | NATURAL |
| SHIELD | FOIL | ADHESIVE AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE CABLE AND ALUMINIUM FOIL FACING OUTWARD |
| | BRAID | 24/8/0.16 mm, ALUMINUM WIRES, WITH 95% COVERAGE Min. |
| JACKET | MATERIAL | MDPE or PVC (80°C, RoHS) |
| | THICKNESS | 1.08 mm Nom. |
| | O.D. | 10.29 ± 0.20 mm |
| | COLOR | BLACK |
| PRINTING | | RF400 50Ω LOW LOSS COAXIAL CABLE UV RESISTANCE TA YA 8D RoHS |

| PERFORMANCE PROPERTIES | | | | | | | | | | | | |
|--------------------------------|-----|------|--------------------------|------|------|------|-----|------|------|------|------|--|
| IMPEDANCE | | | 50 ± 2 Ω | | | | | | | | | |
| CAPACITANCE | | | 77 pF/M Nom. | | | | | | | | | |
| VELOCITY OF PROPAGATION | | | 86 % Nom. | | | | | | | | | |
| ATTENUATION (at 100FT) Nom. | MHz | 30 | 50 | 150 | 220 | 450 | 900 | 1500 | 1800 | 2000 | 2500 | |
| | dB | 0.7 | 0.9 | 1.5 | 1.8 | 2.7 | 3.8 | 5.1 | 5.6 | 6 | 6.7 | |
| | MHz | 3000 | 3500 | 4500 | 5800 | 6000 | | | | | | |
| | dB | 7.5 | 8.2 | 9.5 | 11.1 | 11.4 | | | | | | |
| DIELECTRIC STRENGTH | | | 2.5 KV(AC) / 1 min. Min. | | | | | | | | | |