

CABLE DRAWING



| | | | |
|--|--------------------------|--|-----------------------------|
| Article Number/Doc Number 3000040000 | Revision No 03 | Status Released | Phase Production |
| Description RG 400 (M) | | Habia Inspection Plan (HIP) HIP-G-302 | Page 1 of 1 |
| Customer Product Number | | Created by H. Bertilsson | Approved by T. Eriksson |
| Customer Product Description | | Creation Date 2018-09-03 | Approval Date 2018-09-04 |

| | | | | |
|---|--|------------------|-------------------------|----------------|
| Intended Use | Primarily as transmission line in high frequency applications. | | CE | |
| Technical Data | Values at +20° C | | Unit | |
| Conductor Resistance | | max 29.8 | Ω/km | |
| Insulation Resistance | | >5000 | MΩ x km | |
| Test Voltage | | 1 min: 3 | kV AC | |
| Voltage Rating | | 600 | V AC | |
| Capacitance | | nom 94; max 105 | nF / km | |
| Impedance | | 50 ± 2 | Ω | |
| Attenuation | | max 34.4 | dB / 100m @400 MHz | |
| Weight | | max 74.4 | g / m | |
| Temperature Rating | | -65 / +200 | °C | |
| Reference standards/specifications Design generally in accordance with M17/175-00001 acc to MIL-DTL-17 Flame retardant acc to IEC 60332-1 and UL 1581 VW-1 | | | | |
| All dimensions in mm, unless otherwise stated. | | | | |
| Pos | Description | Dimension | Overall Diameter | Remarks |
| 1. | Silver plated copper conductor | | 0.98 | 19 x 0.203 |
| 2. | Dielectric of solid PTFE, natural | | 2.95 | |
| 3. | Braid of silver plated copper wire | d = 0.127 | 3.5 | |
| 4. | Braid of silver plated copper wire | d = 0.127 | 4.1 | |
| 5. | Jacket of FEP, Brown-transparent | t = 0.43 | 4.95 | |
| Jacket marking in contrasting colour (every 250mm): RG 400 – Habia Cable – 30000-400-00 – YYYY-Www – Batchcode YYYY-Www to be replaced with year and week of production Batchcode to be replaced with manufacturers traceability code | | | | |

