

CABLE DRAWING



| | | | |
|--|--------------------------|--|------------------------------|
| Article Number/Doc Number 3000017950 | Revision No 05 | Status Released | Phase Production |
| Description RG 179 | | Habia Inspection Plan (HIP) HIP-G-302 | Page 1 of 1 |
| Customer Product Number | | Created by T. Eriksson | Approved by H. Bertilsson |
| Customer Product Description | | Creation Date 2018-09-14 | Approval Date 2018-09-14 |

| | | |
|-----------------------|---|-------------|
| Intended Use | Intended for use primarily as transmission line in high frequency applications. | CE |
| Technical Data | Values at +20° C (nominal data) | Unit |
| Conductor Resistance | Max 330 | Ω/km |
| Insulation Resistance | >5000 | MΩ x km |
| Test Voltage | 3 | kV DC |
| Voltage Rating | NS | V AC |
| Capacitance | Nom 63 Max 75 | nF / km |
| Impedance | 75 ± 3 | Ω |
| Attenuation | @ 200 MHz: Nom 36,2 @ 400 MHz: Max 68,9 | dB / 100m |
| Vp | 70 | % |
| Weight | Max 16 | g / m |
| Temperature Rating | -55 / +200 | °C |

All dimensions in mm, unless otherwise stated.

| Pos | Description | Dimension | Overall Diameter | Remarks |
|-----|---|--------------|------------------|-------------------|
| 1. | Silver plated copper conductor | | 0,30 | 7 x 0,102 |
| 2. | Dielectric of PTFE | | 1,60 | |
| 3. | Braided screen of silver plated copper wire | Wire Ø: 0,10 | 2,05 | min 85% coverage. |
| 4. | Jacket of FEP, brown-transparent | | 2,50 ± 0,15 | |

Jacket marking in contrasting colour, intervals of 250 mm:
RG 179 Habia Cable 3000017950 YYYY-Www Batchcode
 YYYY-Www to be replaced with year and week of manufacture
 Batchcode to be replaced with manufacturers traceability code

