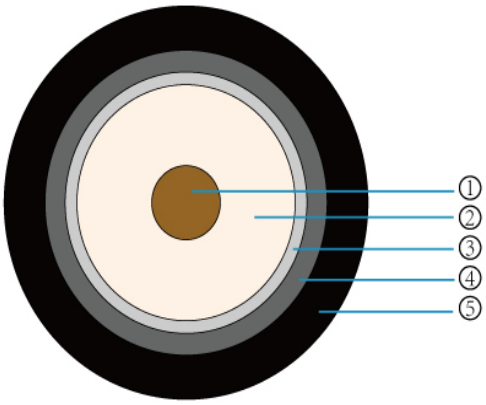
# OR17VATC

TECHNICAL DATA SHEET

orSean Cables Solutions

CODE: RSY-CO17C35ALPC
DOP NUMBER: RSYC01-XX

## Characteristics




| | |
|---|---|
| **1. Conductor** | **CCS** |
| Diameter (mm) | 1.13 ± 0.01 |
| **2. Insulation** | **Foam PE** |
| Diameter (mm) | 4.80 ± 0.10 |
| **3. Foil Shield** | **Al / PET** |
| Coverage | > 110% |
| **4. Braiding** | |
| Coverage | 35% |
| **5. Jacket** | **PVC** |
| Diameter (mm) | 6.80 ± 0.20 |
| Color | White |

**Marking** (Frequency: every 1 meter)
17VATC ORSEANCABLES Eca RSYC01-XX WW/YY xxxxxxM

Remark: XX-Supplier code; WW-Weak; YY-Year;

## Electrical Characteristics

| | |
|---|---|
| Impedance(Ω) | 75±3 |
| Inner Conductor DC Resistance @ 20°C (Ω/Km) | <95 |
| Outer Conductor DC Resistance @ 20°C (Ω/Km) | <79 |
| Capacitance(pF/m) | 52±3 |

Typical Attenuation @ 20°C ( dB/100m)

| | |
|---|---|
| 5 ~ 470 MHz | 5.20 |
| 200 MHz | 8.10 |
| 400 MHz | 11.90 |
| 800 MHz | 17.50 |
| 1350 MHz | 23.60 |
| 2150 MHz | 30.70 |
| 3000 MHz | 38.30 |

Structural Return Loss

| | |
|---|---|
| 5 ~ 470 MHz | >23dB |
| 470 ~ 1000 MHz | >20dB |
| 1000 ~ 3000 MHz | >15dB |

## RoHS GUIDELINE

We operate according to the following standards

| Control Item | Standard | Testing Method | Testing Equipment |
|---|---|---|---|
| Cadmium content (Cd) | <0.01% | EN1122 | ICP-AES |
| Lead content (Pb) | <0.1% | EPA3050B | ICP-AES |
| Mercury content (Hg) | <0.1% | EPA3052 | ICP-AES |
| Chromium (VI) content | <0.1% | EPA3060(UN-VIS) | ICP-AES |
| Polybrominated Biphenyls(PBB) | Forbidden | GC/MS | |
| Polybrominated Diphenyl Ether (PBDE) | Forbidden | GC/MS | |