

## GAP 23 SMART 2x0,34 mm<sup>2</sup> FRNC-C

### Construction

|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| Conductor           | Bare stranded copper wire, 7x0,25 mm                                               |
| Insulation          | PE compound, Ø=1,16 ± 0,05 mm                                                      |
| Core identification | Red, Black                                                                         |
| Lay-Up              | Cores twisted together with 7x0,25 mm tinned copper wire & wrapped with ALPET foil |
| Sheath              | LSZH compound                                                                      |
| Sheath color        | Black                                                                              |

**Marking** GABREAL GAP 23 SMART 2x0,34 FRNC-C LOT CE 0001 m

### Technical data

|                           |                     |
|---------------------------|---------------------|
| Capacitance (core-core)   | 115,0 pF/m          |
| Capacitance (Core-screen) | 220,0 pF/m          |
| Inductance                | 0,56 mH/km          |
| Temperature range         |                     |
| Flexible                  | -5°C to +50°C       |
| Fixed                     | -30°C to +70°C      |
| Min. bending radius       | 10 x Cable diameter |

### Properties

Flame retardant acc. to IEC 60332-1, 60332-3-24  
Halogen free acc. to IEC 60754-1  
Smoke density acc. to IEC 61034

### Technical and dimension table

| No of cores and cross section | Outer dimension | Conductor resistance at 20 °C | Insulation resistance | Cable weight | Copper weight |
|-------------------------------|-----------------|-------------------------------|-----------------------|--------------|---------------|
| N x 2 x mm <sup>2</sup>       | Nom. (mm)       | Max. (Ω/km)                   | Nom. (MΩ x km)        | Nom. (kg/km) | Nom. (kg/km)  |
| 2 x 0,34                      | 3,50 ± 0,20     | 53,0                          | 1000                  | 20           | 9,40          |

\*The values can have small deviations