

GABREAL GAP BS 4x0,22 PVC

Construction

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Conductor           | Stranded tinned copper according to EN 60228 Class 6 (28x0,10 mm) |
| Insulation          | Polyethylene (PE) Ø1,30 ± 0,05 mm                                 |
| Core identification | Green, Black, Red, Blue                                           |
| Lay-up              | 4 cores twisted to a star quad                                    |
| Wrapping            | Non-woven tape                                                    |
| Drain wire          | Tinned copper wire under braid, 0,22mm² (7x0,20 mm)               |
| Braiding            | Tinned copper braid shield Ø0,10 mm, coverage >90%                |
| Outer Jacket        | PVC compound                                                      |
| Color               | RAL 9005 Black                                                    |

|         |                                         |
|---------|-----------------------------------------|
| Marking | GABREAL GAP BS 4x0,22 PVC LOT CE 0001 m |
|---------|-----------------------------------------|

Technical data

|                           |                    |
|---------------------------|--------------------|
| Shield resistance         | 17 Ω/km            |
| Capacitance               |                    |
| cond./cond. <sup>1</sup>  | 125 pF/m           |
| cond./shield <sup>1</sup> | 180 pF/m           |
| cond./cond. <sup>2</sup>  | 50 pF/m            |
| cond./shield <sup>2</sup> | 100 pF/m           |
| Temperature range         | -20°C to +70°C     |
| Min. Bending radius       | 6 x cable diameter |

<sup>1</sup> quad connection: two diagonally opposite conductors are attached to one conductor

<sup>2</sup> each pair from two diagonally opposite conductors forms one transmission path

Characteristic

|                    |             |
|--------------------|-------------|
| Flame retardant    | IEC 60332-1 |
| CE, RoHS compliant | Yes         |

Specification

| No of cores and cross section | Copper weight | Cable weight | Conductor resistance at 20 °C | Insulation resistance | Cable Diameter  |
|-------------------------------|---------------|--------------|-------------------------------|-----------------------|-----------------|
| N x mm²                       | Nom. (kg/km)  | Nom. (kg/km) | Max. (Ω/km)                   | Min. (MΩ x km)        | Tol. ± 0,3 (mm) |
| 4 x 0,22                      | 25,7          | 61           | 90                            | 5000                  | 6,50            |