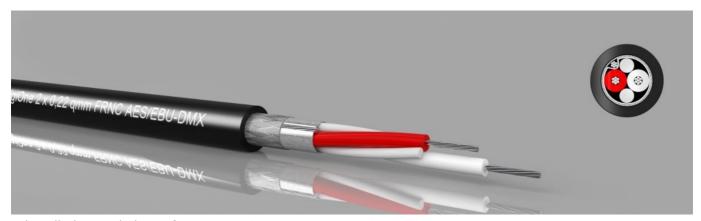
# **kabeltronik**®

## quality at the highest level



✓ installation ✓ halogen free ✓ FRNC ✓ RoHS ✓ REACH ✓ CE

### DigiOne FRNC 2 x 0,14 qmm

2x0,14qmm / 2x0,22qmm / 2x0,34qmm Order-No. 94H201400

#### Application / Description

Suitable as patch cable as well as for the fixed installation. All cross sections for AES/EBU, 0,22qmm and 0,34qmm additional for DMX applications. Highest flexibility despite double screen. Very good electrical characteristics by using HD-insulationmaterial. FRNC / LSZH (flame retardant, non corrosive) Type.



#### Variant data

| O.D.      | approx. 4,40 mm |
|-----------|-----------------|
| weight    | 27,0 kg/km      |
| Cu-weigth | 12,7 kg/km      |

#### Construction / audio

| Conductor              | tinned stranded copper wire |
|------------------------|-----------------------------|
| Structure of conductor | 7 x 0,16 mm                 |
| Conductor dimension    | 0,14 qmm                    |
| AWG                    | 26                          |
| number of cores        | 2                           |
| Core insulation        | PE                          |
| Element shield         | AL-Foil + drain wire        |
| Overall shield         | tinned copper braid shield  |
| Outer jacket           | FRNC (LSZH)                 |
| Outer jacket colour    | black-matt                  |
| Dimension              | 2 x 0,14 qmm                |

#### Technical characteristics

| Temperature range        | static: -25 °C to +70 °C<br>dynamic: -5 °C to +70 °C |
|--------------------------|--|
| Bending radius           | > 12 x O.D.  |
| Operating capacity (C/C) | approx. 44 pF/m                                      |

| Operating capacity (C/S) | approx. 81 pF/m                          |
|--------------------------|--|
| Characteristic impedance | 0,3 MHz to 10,0 MHz = 110 Ohm $\pm 10\%$ |
| Attenuation              | 0,3 Mhz: approx. 1,4 db/100m             |
|                          | 1,0 Mhz: approx. 2,7 db/100m             |
|                          | 3,0 Mhz: approx. 4,9 db/100m             |
|                          | 10 Mhz: approx. 8,7 db/100m              |
| Testing voltage (C/C)    | 250 V                                    |
| Testing voltage (C/S)    | 1.000 V                                  |

#### **Packaging**

Rings, Reels

Lower and upper lengths according to availability. Special packaging on request.

#### Add-on information

The following transfer sizes for AES/EBU transfers are tested by an independent institute:

0.14qmm = up to 120m

0,22qmm = up to 200m

0,34qmm = up to 250m

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