

# Novacord

## HD PRO 1.0/4.8 AF FRNC

RG 6

IEC  
60332-1

IEC  
60754-2

IEC  
61034



<sup>29</sup>  
Cu

Oxygen Free Copper  
99,9%



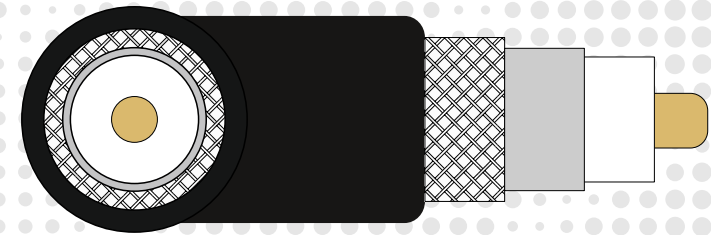
Flexible  
construction



Pure  
signal transmission

Video cables are primarily used in closed circuit TV systems and in several studio applications for transmission of image signals. For analogue and digital video signals (Composite, Component, SDI, SDV, SDTI, HDTV). Cable designed to avoid the release of toxic matter in case of fire because they do not contain any halogens.

HIGHEST QUALITY - RELIABILITY - INNOVATION



### Coaxial cable 1.0/4.8, RG6, FRNC/LSZH, 75 Ohm

#### Structure

|                   |                   |                             |
|-------------------|-------------------|-----------------------------|
| <b>Conductor</b>  | Cross Sec. Area   | 0.78 mm <sup>2</sup> Ø 1 mm |
|                   | No. of Cores      | 1 core                      |
|                   | Material          | OFC                         |
|                   | Type of conductor | Solid                       |
|                   | Strands           | 1/1.05±0.02 mm              |
| <b>Insulation</b> | Material          | Foam PE                     |
|                   | Diameter          | 4.8 ±0.1 mm                 |
|                   | Color             | White                       |
| <b>Screen #1</b>  | Material          | Aluminum Foil               |
| <b>Screen #2</b>  | Type              | Braid                       |
|                   | Material          | Tinned OFC                  |
|                   | Composition       | 160/0.12±0.008 mm, 80%      |
| <b>Jacket</b>     | Material          | FRNC/LSZH                   |
|                   | Diameter          | 7.0±0.2 mm                  |
|                   | Color             | Black, RAL9005              |

#### Electrical properties

|                          |                 |           |
|--------------------------|-----------------|-----------|
| DC Resistance            | inner conductor | ≤ 22 Ω/km |
|                          | outer conductor | ≤ 7 Ω/km  |
| Capacitance              |                 | 53 pF/m   |
| Characteristic impedance |                 | 75 Ω ± 1  |

|             |  |                           |
|-------------|--|---------------------------|
| Attenuation |  | 24.9dB/100 m<br>(1.5 GHz) |
|-------------|--|---------------------------|

#### Mechanical properties

|                   |              |                |
|-------------------|--------------|----------------|
| Bending radius    | without load | 45 mm / 4xD    |
|                   | with load    | 90 mm / 8xD    |
| Temperature range |              | -30°C to +70°C |

#### Technical data

| Article | Delivery length | Drum size   | Weight  |
|---------|-----------------|-------------|---------|
| 1000DW  | 1000 m          | 500/200/250 | 63.1 kg |