

# NOVACORD

Hybrid 2SxAWG16 / 2PxAWG22 PVC

**AWG  
16**

2 x Signal  
insulated core



Flexible  
construction

**AWG  
22**

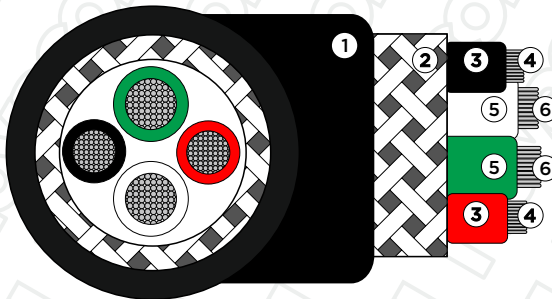
2 x Power  
insulated core



Braid  
screen

The cable is designed to connect electrical contacts from CCUs to HD Cameras. Suitable For permanent installation conditions. Often used in combination with single-mode internal fiber. It consists of two pairs of tinned copper conductors AWG 16 and AWG 22. This cable makes it much easier to install the connection of a stationary HD camera.

## Construction diagram



- 1 - Jacket
- 2 - Screen
- 3 - Insulation (P)
- 4 - Conductor (P)
- 5 - Insulation (S)
- 6 - Conductor (S)

**HIGHEST QUALITY - RELIABILITY - INNOVATION**

Novacord

# Hybrid cables for HD Camera 2xAWG 22 / 2xAWG16, FR-PVC, CMR

## Structure

<b>Conductor (S)</b>	<b>Cross Sec. Area</b>	16 AWG
	<b>No. of Cores</b>	2 cores
	<b>Material</b>	Tinned OFC
	<b>Type of conductor</b>	Stranded
	<b>Strands</b>	65/0.16±0.008 mm
<b>Insulation (S)</b>	<b>Material</b>	PE
	<b>Diameter</b>	2.3 ±0.05 mm
	<b>Color</b>	White, Green
<b>Conductor (P)</b>	<b>Cross Sec. Area</b>	22 AWG
	<b>No. of Cores</b>	2 cores
	<b>Material</b>	Tinned OFC
	<b>Type of conductor</b>	Stranded
	<b>Strands</b>	19/0.16±0.008 mm
<b>Insulation (P)</b>	<b>Material</b>	PE
	<b>Diameter</b>	1.56 ±0.05 mm
	<b>Color</b>	Red, Black
<b>Screen</b>	<b>Type</b>	Braid
	<b>Material</b>	Tinned OFC
	<b>Composition</b>	112/0.12±0.008 mm, 90%
<b>Jacket</b>	<b>Material</b>	FR-PVC
	<b>Diameter</b>	8.0±0.2 mm
	<b>Color</b>	Matt Black, RAL9005

## Mechanical properties

Bending radius	without load	32 mm / 4xD (outer diameter)
	with load	64 mm / 8xD (outer diameter)
Max pull tension		200 N
Temperature range		-40°C to +75°C

# Hybrid cables for HD Camera 2xAWG 22 / 2xAWG16, FR-PVC, CMR

## Electrical properties

at 20 °C

Conductor DCR 16AWG	≤ 50.2 Ω/km
---------------------	-------------

Conductor DCR 22AWG	≤ 14.76 Ω/km
---------------------	--------------

Shield DCR	≤ 8.53 Ω/km
------------	-------------

Capacitance	con. to con.	70 pF/m
-------------	--------------	---------

con. to screen	112 pF/m
----------------	----------

Insulation resistance	≥ 10 MΩ/km
-----------------------	------------

Test voltage	3000V
--------------	-------

## Standarts

Flame resistance	CMR
------------------	-----

Amt of Halogen	zero
----------------	------

© NOVACORD Inc. 2022 All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Novacord Inc. Although Novacord makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission

Novacord Inc. provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Novacord be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Novacord has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Novacord Inc. The information is believed to be correct at the time of issue. Novacord Inc. reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Novacord Inc.

**HIGHEST QUALITY - RELIABILITY - INNOVATION**

novacord.de