



## ÖLFLEX® INSTRUM NF 672

Armoured and Overall screened instrumentation cable  
CU/PVC/OS/PVC/STA/PVC



### Info

**U/RXOHRNR 300/500 V  
NF M 87-202**

### Benefits

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant

### Product features

Armoured twisted pair, triad or quad signal cable overall screened, PVC insulated and PVC jacketed

### Norm references / Approvals

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0  
NF M 87-202
- **Halogen acid gas**  
IEC 60754-1 (max 20%)
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)

### Design

- **Conductor:** Stranded or solid Annealed Copper
- **Core insulation:** PVC
- **Screen:** OS Aluminum/PET + TC Drain wire
- **Inner sheath:** PVC, blue
- **Armour:** Double Steel tape
- **Outer sheath:** PVC, blue (RAL 5015)

### Technical data

- Core identification code:**  
according to NF M 87-202
- Insulation resistance:**  
500 MOhm x km
- Conductor stranding:**  
according to NF M 87-202
- Nominal Voltage U<sub>0</sub>/U:**  
300/500 V
- Test voltage:**  
C/C 1500 V x 1 minute
- Temperature range:**  
during operation: -30° to +70°C  
during installation: -5° to +50°C
- Minimum Bending Radius:**  
10 x Outer Diameter

Number cores and mm <sup>2</sup> per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
<b>ÖLFLEX® INSTRUM NF 672</b>			
3x2x0,5	11,1	31,7	192
7x2x0,5	13,5	70,8	286
12x2x0,5	17,3	119,8	435
19x2x0,5	19,8	188,3	584
27x2x0,5	23,2	266,6	765
7x3x0,5	14,8	105,1	361
12x3x0,5	18,9	178,5	547
2x0,9	9,8	20,4	152
3x0,9	10,1	29,4	171
4x0,9	10,7	38,5	193
3x2x0,9	13,3	56,5	263
7x2x0,9	17,1	128,8	442
12x2x0,9	21,9	219,2	669
19x2x0,9	25,3	345,7	916
27x2x0,9	30,5	490,3	1.259
7x3x0,9	18,7	192,1	558
12x3x0,9	24,4	327,7	872

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products