



ÖLFLEX® INSTRUM NF 671

Individual and Overall screened instrumentation cable
CU/PVC/IS/PVC/OS/PVC



Info

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

Benefits

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

Product features

Twisted pair or triad signal cable, individual and 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:** PVC pair jacket over IS Aluminum/PET + TC Drain wire. OS Aluminum/PET + TC Drain wire
- **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 U₀/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:**
8 x Outer Diameter

Number cores and mm ² per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
ÖLFLEX® INSTRUM NF 671			
3x2x0,5	12,9	38,6	152
7x2x0,5	17,5	87,0	310
12x2x0,5	23,4	147,5	506
19x2x0,5	28,0	232,2	769
27x2x0,5	33,7	329,0	1.051
7x3x0,5	18,3	121,3	369
12x3x0,5	24,5	206,3	606
3x2x0,9	15,8	63,5	220
7x2x0,9	21,4	145,0	450
12x2x0,9	29,0	246,9	751
19x2x0,9	34,2	389,6	1.107
27x2x0,9	41,7	552,7	1.563
7x3x0,9	22,5	208,3	553
12x3x0,9	30,5	355,4	927

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