

ÖLFLEX® INSTRUM NF 670

Overall screened instrumentation cable
CU/PVC/OS/PVC



Info

U/RRXOHR 300/500 V
NF M 87-202

Benefits

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

Product features

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

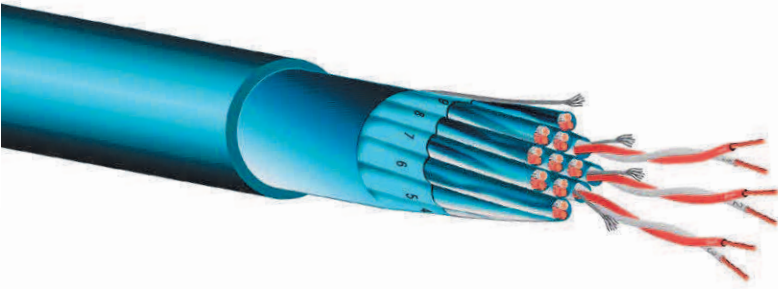
- **Conductor:** Stranded or solid Annealed Copper
- **Core insulation:** PVC
- **Screen:** OS Aluminum/PET + TC Drain wire
- **Inner sheath:** PVC, blue
- **Armour:** Double Steel tape
- **Outer sheath:** PVC, blue (RAL 5015)

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 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 670			
3x2x0,5	8,2	31,7	79
7x2x0,5	10,5	70,8	146
12x2x0,5	13,9	119,8	237
19x2x0,5	16,5	188,3	353
27x2x0,5	19,7	266,6	482
7x3x0,5	11,7	105,1	200
12x3x0,5	15,5	178,5	328
2x0,9	6,8	20,4	56
3x0,9	7,2	29,4	70
4x0,9	7,8	38,5	86
3x2x0,9	10,4	56,5	124
7x2x0,9	13,8	128,8	246
12x2x0,9	18,4	219,2	403
19x2x0,9	21,8	345,7	606
27x2x0,9	26,5	490,3	857
7x3x0,9	15,4	192,1	341
12x3x0,9	20,8	327,7	575

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



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

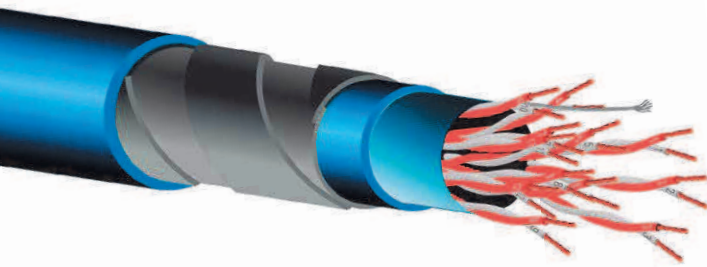
- **Conductor:** Stranded or solid Annealed Copper
- **Core insulation:** PVC
- **Screen:** PVC pair jacket over IS Aluminum/PET + TC Drain wire. OS Aluminum/PET + TC Drain wire
- **Outer sheath:** PVC, blue (RAL 5015)

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



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 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:**
10 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 672			
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



ÖLFLEX® INSTRUM STA NF 673

Armoured, Individual and Overall screened instrumentation cable
CU/PVC/IS/PVC/OS/PVC/STA/PVC



Info

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

Benefits

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

Product features

Armoured 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
- **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 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:**
10 x Outer Diameter

Number cores and mm ² per conductor	Approx. Outer Diameter (mm)	Copper index (kg/km)	Approx. Weight (kg/km)
ÖLFLEX® INSTRUM STA NF 673			
3x2x0,5	16,2	38,6	337
7x2x0,5	21,0	87,0	563
12x2x0,5	27,4	147,5	864
19x2x0,5	32,0	232,2	1.191
27x2x0,5	37,9	329,0	1.572
7x3x0,5	21,8	121,3	633
12x3x0,5	28,5	206,3	981
3x2x0,9	19,1	63,5	442
7x2x0,9	25,0	145,0	756
12x2x0,9	33,0	246,9	1.188
19x2x0,9	38,4	389,6	1.636
27x2x0,9	46,1	552,7	2.222
7x3x0,9	26,5	208,3	898
12x3x0,9	34,5	355,4	1.385

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