



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