

Petrol Station Cables

(N)YYÖ-J 0,6/1 kV



Technical data

- Power and data transmission cable adapted to DIN VDE 0271
- **Temperature range**
flexing -5°C to +50°C
fixed installation -30°C to +70°C
- Permissible **operating temperature** at conductor +70°C
- **Nominal voltage** U_0/U 0,6/1 kV
- **Test voltage** 4 kV
- Max. permissible **tensile stress** with cable grip at conductor 50 N/mm²
- **Minimum bending radius**
12x cable Ø

Cable structure

- Bare copper conductor, to DIN VDE 0295 cl.1, single-wire, BS 6360 cl.1, IEC 60228 cl.1
- Core insulation of PVC
- Core identification to DIN VDE 0293-308
- Concentric lay-up of cores
- Outer sheath of PVC
- Sheath colour: black ¹⁾

Properties

Tests

- Oil and fuel-resistant acc. to DIN ISO 6722
- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- DIN VDE 0298 part 1 it shall be observed.

Note

- ¹⁾ Version with blue outer sheath on request.
- AWG sizes are approximate equivalent values. The actual cross section is in mm².

Application

Energy and data transmission cables for outdoor use, in the soil, water and concrete, where mechanical damage is excluded. For installations in applications such as gas stations and refineries, where resistance to oils and fuels is required.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
32592	2 x 1,5	11,0	29,0	180,0	16
32593	3 x 1,5	11,5	43,0	225,0	16
32594	4 x 1,5	12,0	58,0	260,0	16

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
32595	5 x 1,5	13,0	72,0	280,0	16
32596	7 x 1,5	15,5	101,0	370,0	16

Dimensions and specifications may be changed without prior notice. (RQ01)