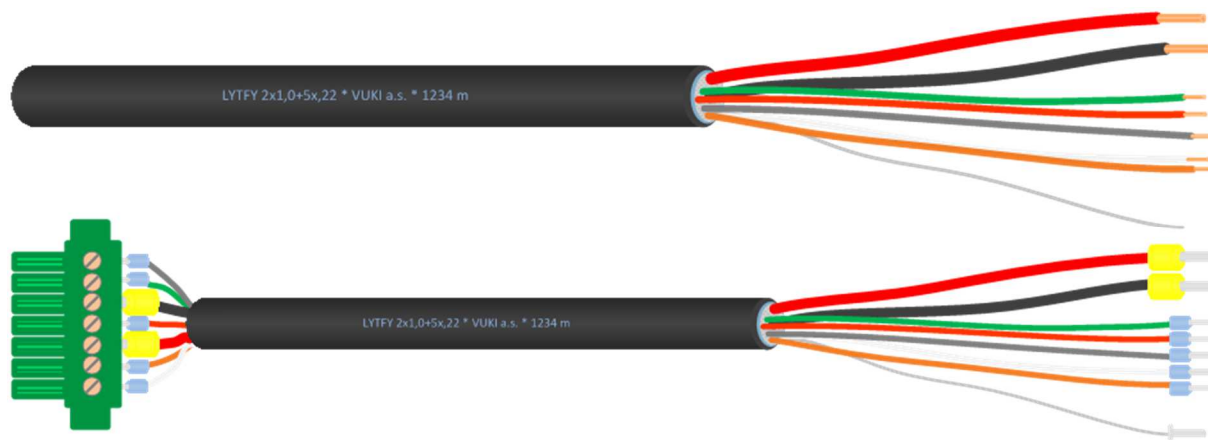


5. INDUSTRIAL CABLES / 5.2 PVC (PE) / LYTFY 2x1,0+5x0,22



Special combined cable



Application:

Flexible cable type LYTFY are designed for intelligent systems and structures in photovoltaic. They are mainly used for monitoring and management of photovoltaic plant. Their purpose is mainly power and control servomechanism controlling routing solar panels. Find use in construction of houses powered by solar energy resources. They are resistant to UV and temperature impact environment.

Cable construction:

- **Number of cores:** 7
- **Cable cores:** copper conductor cl. 5
- **Nominal cross-section:** Signal conductors: 0,22 mm²
Power supply conductors: 1,0 mm²
- **Insulation:** special PVC mix
- Cores are stranded in layer.
- **Shield construction:** PET tape + AlPET tape with CuSn stranded wire 0,5 mm²
- **Sheath cable:** special PVC mix
- **Colour of sheath:** black or other if required, stabilized against UV radiation

Technical data:

- **Operating temperature:** -25 °C to +70 °C
- **Min. temperature for laying:** -5 °C
- **Min. bending radius:** 8 x cable diameter

