



Specifications:

Reel Length	: 100m
No. of Conductors	: 12
Voltage Rating	: 500V
Conductor Area CSA	: 0.75mm ²
Jacket Colour	: Grey
Jacket Material	: PVC (Polyvinyl Chloride)
External Diameter	: 12.9mm
Conductor Material	: Copper
Current Rating	: 6A
Specific Insulation Resistance	: > 20GΩ × cm

Minimum Bending Radius

Occasional Flexing	: 20 × cable Dia.
Fixed Installation	: 6 × cable Dia.
Rated voltage	: 300V / 500V
Test voltage	: 4000V

Range of Temperature

Occasional flexing	: -5°C up to +70°C
Fixed installation	: -40°C up to +80°C

Features:

- Additional mechanical protection due to steel wire braid
- High electrical performance due to 4kV test voltage
- Flame retardant according to IEC 60332-1-2
- Good chemical resistance see Appendix T1

Application Range:

- Plant engineering and construction Industrial machinery
Air conditioning installations
- Areas with increased mechanical stress requirements
- Fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

Design:

- Fine strands of bare copper wires
- PVC insulation LAPP P8/1
- PVC inner sheath, grey
- Oxidation protected steel wire braid
- PVC outer sheath, transparent

Part Number Table

Description	Part Number
Cable, SY, 12 Core, 0.75mm, 100m	PPSY12C0.75 100M

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