



UL&cUL PVC CONTROL CABLE UL2587 SHIELDED 600V 102U



Application

Cardiffcable CY 102U is approved for use in the USA and Canada. It is suitable for free but not continuously moving applications, without tensile stress and without defined cable routing. It can be used as a connection cable for conveyor and transport systems, servo drives, and in EMC-sensitive environments. Suitable for use in dry, humid and wet rooms. The outer sheath, made of PVC, is largely resistant to acids and oil, and is free of silicone and lacquer damaging substances.

Construction

Conductor	Fine strands of bare copper, according to UL 758.
Insulation	PVC
Insulation color	JZ Black core with white numbers and GN/YE JB Color core and GN/YE OZ Black core with white numbers OB Color core
Shield	Tinned copper braid
Outer sheath	Special PVC compound
Sheath color	Grey, RAL 7001 or Black, RAL 9005

Technical Data

Rated voltage	600V UL+cUL
Test voltage	3000V
Insulation resistance	≥20MΩ·km (at 20°C)
Bending radius	Flexible applicatin: 20 x cable diameter Fixed installation: 6 x cable diameter
Temperature range	Flexible application: -5°C to +80°C Fixed installation: -20°C to +90°C
Temperature resistant material	Flexible application: -10°C to +80°C Fixed installation: -40°C to +90°C
Burning behavior	Self-extinguishing & flame-retardant according to VW-1, FT1
Approvals	UL 2587

Remarks:

** represent the core color
JZ code: 01 OZ code: 02
JB code: 03 OB code: 04