

UL&cUL PVC CONTROL CABLE UL2586 1000V 116U



Application

Cardiffcable YY 116U is approved for use in 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 machine tools, plant and appliances, as well as in heating, air conditioning systems. YY116 is applied for greater voltage. Suitable for use in dry, humid and wet rooms. Outdoor use but no laying underground, the outer sheath, made of PVC, is largely resistant to acids and oil. It is free of silicone and lacquer-damaging substances.

Recommended: Cardiffcable CY 172U 1000V series, when there is external electromagnetic interference.

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
Outer sheath	Special PVC compound
Sheath color	Grey, RAL 7001 or Black, RAL 9005

Technical Data

Rated voltage	1000V UL+cUL
Test voltage	4000V
Insulation resistance	$\geq 20M\Omega \cdot km$ (at 20°C)
Bending radius	Flexible applicatin: 15x cable diameter Fixed installation: 4 x cable diameter
Temperature range	Flexible application: -5°C to +90°C Fixed installation: -20°C to +105°C
Temperature resistant material	Flexible application: -10°C to +90°C Fixed installation: -40°C to +105°C
Burning behavior	Self-extinguishing & flame-retardant according to VW-1,FT1
Approvals	UL 2586

Remarks:

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