

UL&cUL PVC DATA CABLE UL2464 SHIELDED 300V 106U



Application

Cardiffcable LiYCY 106U 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 data transmission cable, control cable, or connecting cable predominantly for transmission of analog and digital signals in process controlled facilities. The copper shield protects against any electrical interference. It can be used 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, it is free of silicone and lacquer damaging substances.

Construction

Conductor	Fine strands of bare copper, according to UL 758.
Insulation	PVC
Insulation color	According To DIN 47100 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	300V
Test voltage	2000V
Insulation resistance	$\geq 10M\Omega \cdot km$ (at 20°C)
Bending radius	Flexible application: 15x cable diameter Fixed installation: 4 x cable diameter
Temperature range	Flexible application: -5°C to +80°C Fixed installation: -20°C to +80°C
Temperature resistant material	Flexible application: -10°C to +80°C Fixed installation: -40°C to +80°C
Burning behavior	Self-extinguishing & flame-retardant according to VW-1, FT1
Approvals	UL 2464

Remarks:

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