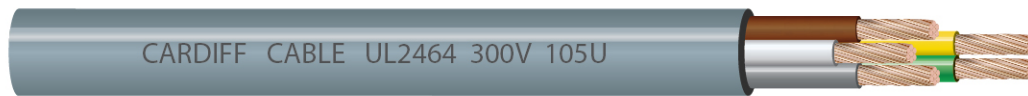


# UL&cUL PVC DATA CABLE UL2464 300V 105U



## Application

Cardiffcable LiYY 105U 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 the transmission of analog and digital signals in process controlled facilities. 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.

Recommended: Cardiffcable LiYCY 106U series, when there is external electromagnetic interference.

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

## Technical Data

Rated voltage	300V
Test voltage	2000V
Insulation resistance	≥ 10M Ω · km (at 20°C)
Bending radius	Flexible applicatin: 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