


4550113	DATA SHEET	
valid from: 01.01.2019	Li5YC5Y single core	

Application

Li5YC5Y single core is a screened, single core for wiring of measurement instruments, transmission and receiving equipment, switch gear cabinets and electrical components. The screen is a protection against electrical interferences.

Design

Design	Design and characteristics is similar to VDE 0881.
Conductor	silver-plated copper wire, conductor make-up: 0.14 mm ² (AWG26/7): 7 x 0.16 mm, resistance max. 146 Ω/km 0.22 mm ² (AWG24/7): 7 x 0.20 mm, resistance max. 89.2 Ω/km 0.57mm ² (AWG20/19): 19 x 0.20 mm, resistance max. 34.5 Ω/km
Insulation	PTFE
Screen	braid of tinned copper wires
Outer sheath	PTFE Colour of the sheath: white

Electrical properties at 20°C

Specific volume resistivity	> 20 G Ω x cm
Peak operating voltage	600 V (not for power applications)
Test voltage	1200 V

Mechanical and thermal properties

Temperature range	Fixed installation: - 190 °C up to +260 °C
Flammability	flame retardant acc. to IEC 60332-1-2
General requirements	This cable is conform to the EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).

Creator: PESA / PDC	Document: DB4550113EN	Page 1 of 1
Released: ALTE / PDC	Version: 01	