

LiYC11Y 4x2xAWG24/7 + 1x2x0,5 + 1x0,14



A: 4x2xAWG24/7

conductor	tinned copper wires 7x0,20 = 0,22mm ² = AWG 24/7; diameter nom 0,6mm
insulation	PVC; → nom diameter 1,2mm
pairs	white+brown, pink+black, grey+green, violet+yellow 2 cores are twisted to pairs with above sequence

B: 1x2x0,5

conductor	tinned copper wires 19x0,185 = 0,5mm ² ; diameter nom 0,9mm
insulation	PVC; → nom diameter 2,1mm
pairs	red+blue 2 cores are twisted to pairs with above sequence

C: 1x0,14

conductor	tinned copper wires 7x0,16 = 0,14mm ² ; diameter nom 0,48mm
insulation	PVC; → nom diameter 1,1mm orange

Cabling	Elements A+B+C twisted together, use of fillers optional
Separator	transparent polyester tape wrap, min overlap 20%
Screen	tinned copper drain wire 14x0,15 = 0,24mm ² Tinned copper wire braid screen, wire diameter 0,10mm, optical coverage approx 85%
Separator	non-woven tape wrap with min 20% overlap
Sheath	PUR, ether-based, microbe- and hydrolysis resistant; colour yellow RAL 1021 matt/semiglossy; nom thickness 0,8mm; nom cable diameter 8,3mm
Approval / printing	cURus 20549 300V 80oC ink-jet black

Max conductor resistance at 20°C

0,5mm² 40,9 Ω /km

0,22mm² 88 Ω /km

0,14 143 Ω /km

max rated voltage 250V

test voltage

C/C 1000v / 1min

C/S 500V / 1min

Cable weight 90kg/km

Copper weight 45kg/km

Min bend radius 67mm

Operating temp. -10°C/+80°C

Storage temp -20°C/+80°C

