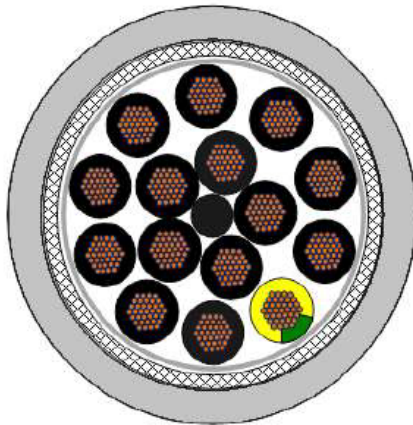


ORLIYCYJZXG1



### Construction



<b>Conductor</b>	<b>Copper</b>
<b>Insulation</b>	<b>PVC</b>
<b>Twisted Pairs</b>	
Color Code - Black with white number marking + Green/Yellow	
<b>Assembly</b>	
Yarn fillers inside if needed	
<b>PET Tape</b>	<b>&gt; 100%</b>
<b>Braiding</b>	
Coverage	<b>Tinned Copper</b>
	65 +/- 3%
<b>Outer Sheath</b>	<b>PVC</b>
Color	Grey RAL7001

#### Marking:

SIGNAL CONTROL CABLE ORLIYCYJZXG10 ORSEANCABLES Eca RLIYCYJZ01-XX WW/YY xxxxxM

Remark: x-number of pair; y-number of insulation wire; XX-Supplier code; WW-Weak; YY-Year;

RLIYCYJZ01-XX-DoP number

Reference	Dop Number	Conductor section (mm <sup>2</sup> )	Conductor diameter (mm)	Insulation diameter (mm)	Outer Sheath thickness (mm)	Outer Sheath diameter (mm)
RSY-LIYCYJZ3G1	RLIYCYJZ01-XX	1.0	32x0.19 +/- 0.005	2.10 +/- 0.05	0.8	6.20 +/- 10%
RSY-LIYCYJZ4G1	RLIYCYJZ02-XX	1.0	32x0.19 +/- 0.005	2.10 +/- 0.05	0.9	6.75 +/- 10%

# CONTROL CABLES

## TECHNICAL DATA SHEET

### Properties

Max. Operating Voltage  $U_0/U$ : 300/500 V

Testing Voltage: 1200 V

Min. Insulation Resistance: 200 M $\Omega$ .Km

Current Carrying Capacity: 16 A

Max. Mutual Capacity: 130 nF/Km

Impedance: 78  $\Omega$

Conductor Resistance: 19.5  $\Omega$ /KM

Bending Radius: 10 x D mm

Temperature Range: -30°C ~ +70°C

Fire Retardant: According to CPR Eca

### ROHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MS	