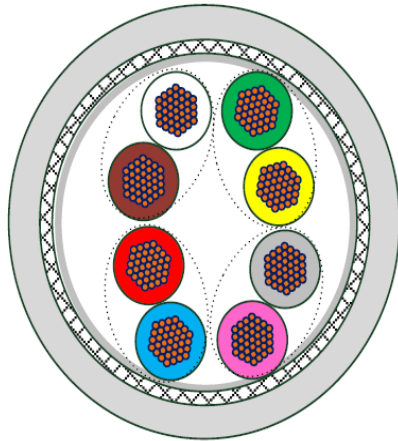


ORLIYCYXP2034  
 ORLIYCYXP205  
 ORLIYCYXP2075  
 ORLIYCYXP210



### Construction



<b>Conductor</b>	<b>Copper</b>
<b>Insulation</b>	<b>PVC</b>
<b>Twisted Pairs</b> Color Code	DIN 47100
<b>Assembly</b> Yarn fillers inside if needed	
<b>PET Tape</b>	> 100%
<b>Braiding</b> Coverage	<b>Tinned Copper</b> 65 +/- 3%
<b>Outer Sheath</b> Color	<b>PVC</b> Grey RAL7001

#### Marking:

SIGNAL CONTROL CABLE ORLIYCYXP2075 ORSEANCABLES Eca RLIYCYP01-XX WW/YY xxxxxM  
 Remark: x-number of pair; y-number of insulation wire; XX-Supplier code; WW-Weak; YY-Year;  
 RLIYCYP01-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-LIYCY2P2034	RLIYCYP03-XX	0.34	7x0.25 +/- 0.005	1.35 +/- 0.05	0.7	6.55 +/- 10%
RSY-LIYCY2P205	RLIYCYP02-XX	0.50	16x0.19 +/- 0.005	1.70 +/- 0.05	0.7	7.60 +/- 10%
RSY-LIYCY2P2075	RLIYCYP01-XX	0.75	24x0.19 +/- 0.005	1.90 +/- 0.05	0.7	8.40 +/- 10%
RSY-LIYCY3P2034	RLIYCYP04-XX	0.34	7x0.25 +/- 0.005	1.35 +/- 0.05	0.7	6.85 +/- 10%
RSY-LIYCY3P205	RLIYCYP05-XX	0.50	16x0.19 +/- 0.005	1.70 +/- 0.05	0.7	8.00 +/- 10%
RSY-LIYCY4P205	RLIYCYP06-XX	0.50	16x0.19 +/- 0.005	1.70 +/- 0.05	0.7	8.95 +/- 10%
RSY-LIYCY3P2075	RLIYCYP07-XX	0.75	24x0.19 +/- 0.005	1.90 +/- 0.05	0.7	8.65 +/- 10%
RSY-LIYCY4P2075	RLIYCYP08-XX	0.75	24x0.19 +/- 0.005	1.90 +/- 0.05	0.7	9.55 +/- 10%
RSY-LIYCY6P2075	RLIYCYP09-XX	0.75	24x0.19 +/- 0.005	1.90 +/- 0.05	0.7	11.60 +/- 10%
RSY-LIYCY2P210	RLIYCYP10-XX	1.0	32x0.19 +/- 0.005	2.10 +/- 0.05	0.7	9.30 +/- 10%

# CONTROL CABLES

## TECHNICAL DATA SHEET

### Properties

Max. Operating Voltage  $U_0/U$ :

0.34 mm<sup>2</sup> - 250 V

0.50 mm<sup>2</sup> ~ 1.0 mm<sup>2</sup> - 300/500 V

Testing Voltage: 1200 V

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

Max. Mutual Capacity: 120 nF/Km

Impedance: 78  $\Omega$

Conductor Resistance: 0.34 mm<sup>2</sup> - 53  $\Omega$ /KM

0.50 mm<sup>2</sup> - 39  $\Omega$ /KM

0.75 mm<sup>2</sup> - 26  $\Omega$ /KM

1.0 mm<sup>2</sup> - 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	