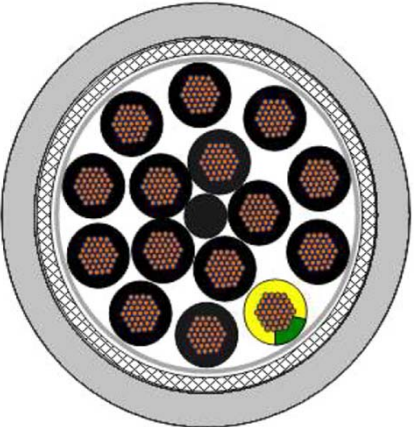


# TECHNICAL DATA SHEET

## ORLIYCYJZxG1

Reaction to Fire: Eca

SIGNAL CONTROL CABLES

Construction			
	<b>Conductor</b>	<b>Copper</b>	
	Section	1.0 mm <sup>2</sup>	
	Diameter	32 x 0.19 +/- 0.005 mm	
	<b>Insulation</b>	<b>PVC</b>	
	Diameter	2.10 +/- 0.05 mm	
	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>	<b>Tinned Copper</b>		
Coverage	65 +/- 3%		
<b>Outer Sheath</b>	<b>PVC</b>		
Color	Grey RAL7001		
<b>Marking:</b>			
SIGNAL CONTROL CABLE ORLIYCYJZxG1 OREANCABLES Eca RLIYCYJZ01-XX WW/YY xxxxxxM			
Remark: x-number of insulation wire; XX-Supplier code; WW-Weak; YY-Year;			
RLIYCYJZ01-XX-DoP number			
REFERENCE	Dop Number	Outer Sheath Thickness (Nom. mm)	Outer Sheath Diameter (mm)
RSY-LIYCYJZ3G1	RLIYCYJZ01-XX	0.8	6.20 +/- 10%
RSY-LIYCYJZ4G1	RLIYCYJZ02-XX	0.9	6.75 +/- 10%
Properties			
Max. Operating Voltage U <sub>o</sub> /U: 300 / 500 V			
Testing Voltage: 1200 V			
Min. Insulation Resistance: 20 MΩ.Km			
Current Carrying Capacity: 16 A			
Mutual Capacity: 130 nF/Km			
Impedance: 78 Ω			
Conductor Resistance: 19.5 Ω/KM			
Bending Radius: 10.0 x D mm			
Temperature Range: -30°C ~ +70°C			
Fire Retardant: According to CPR Eca			
<b>RoHS GUIDELINE</b> 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/MC	/