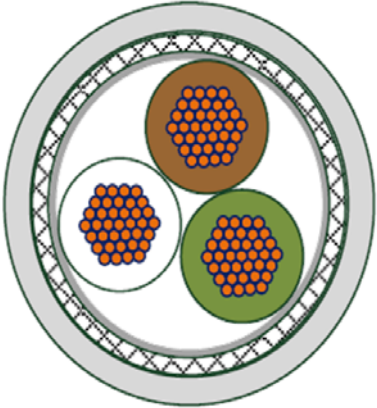


# TECHNICAL DATA SHEET

## ORLIYCYx075

Reaction to Fire: Eca

SIGNAL CONTROL CABLES

Construction			
	<b>Conductor</b>	<b>Copper</b>	
	Section	0.75 mm <sup>2</sup>	
	Diameter	24 x 0.19 +/- 0.005 mm	
	<b>Insulation</b>	<b>PVC</b>	
	Diameter	1.90 +/- 0.05 mm	
	Color Code	DIN 47100	
<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 ORLIYCYx075 OREANCABLES Eca RLIYCY01-XX WW/YY xxxxxM			
Remark: x-number of insulation wire; XX-Supplier code; WW-Weak; YY-Year; RLIYCY-XX-DoP number			
REFERENCE	Dop Number	Outer Sheath Thickness (Nom. mm)	Outer Sheath Diameter (mm)
RSY-LIYCY2075	RLIYCY01-XX	0.6	5.4 +/- 10%
RSY-LIYCY4075	RLIYCY02-XX	0.6	6.2 +/- 10%
Properties			
Max. Operating Voltage U <sub>o</sub> /U: 300 / 500 V			
Testing Voltage: 1200 V			
Insulation Resistance: 200 MΩ.Km			
Mutual Capacity: 120 nF/Km			
Impedance: 78 Ω			
Conductor Resistance: 26 Ω/KM			
Bending Radius: 10 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	/