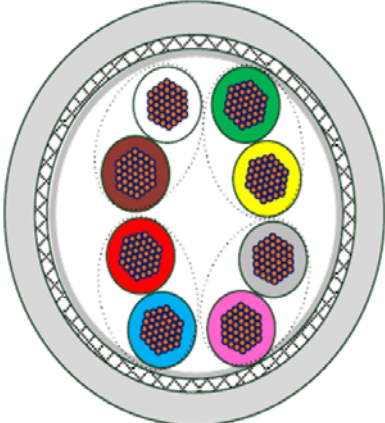


TECHNICAL DATA SHEET

ORLIYCYxPy075

Reaction to Fire: Eca

SIGNAL CONTROL CABLES

Construction			
	Conductor	Copper	
	Section	0.75 mm ²	
	Diameter	24 x 0.19 +/- 0.005 mm	
	Insulation	PVC	
	Diameter	1.90 +/- 0.05 mm	
	Twisted Pairs	DIN 47100	
	Color Code		
	Assembly	Yarn fillers inside if needed	
	PET Tape	> 100%	
	Braiding	Tinned Copper	
Coverage	65 +/- 3%		
Outer Sheath	PVC		
Color	Grey RAL7001		
Marking: SIGNAL CONTROL CABLE ORLIYCYxPy075 OREANCABLES Eca RLIYCYP01-XX WW/YY xxxxxxM Remark: x-number of pair; y-number of insulation wire; XX-Supplier code; WW-Weak; YY-Year; RLIYCYP01-XX-DoP number			
REFERENCE	Dop Number	Outer Sheath Thickness (Nom. mm)	Outer Sheath Diameter (mm)
RSY-LIYCY2P2075	RLIYCYP01-XX	0.7	8.4 +/- 10%
Properties			
Max. Operating Voltage U _o /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			
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/MC	/