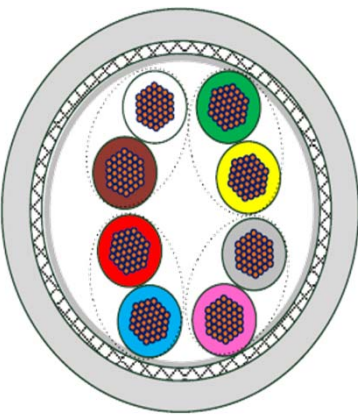


TECHNICAL DATA SHEET

ORLIYCYxPy075

Reaction to Fire: Eca

SIGNAL CONTROL CABLES

Construction					
	Conductor	Copper			
	Section (mm ²)	0.34	0.5	0.75	1.0
	Diameter (mm)	7 x 0.25	16 x 0.19	24 x 0.19	32 x 0.19
	Insulation	PVC			
	Diameter (mm)	1.35+/-0.05	1.70+/-0.05	1.90+/-0.05	2.10+/-0.05
	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-LIYCY2P2034	RLIYCYP03-XX	0.7	6.55 +/- 10%
RSY-LIYCY2P205	RLIYCYP02-XX	0.7	7.60 +/- 10%
RSY-LIYCY2P2075	RLIYCYP01-XX	0.7	8.40 +/- 10%
RSY-LIYCY3P2034	RLIYCYP04-XX	0.7	6.85 +/- 10%
RSY-LIYCY3P205	RLIYCYP05-XX	0.7	8.00 +/- 10%
RSY-LIYCY4P205	RLIYCYP06-XX	0.7	8.95 +/- 10%
RSY-LIYCY3P2075	RLIYCYP07-XX	0.7	8.65 +/- 10%
RSY-LIYCY4P2075	RLIYCYP08-XX	0.7	9.55 +/- 10%
RSY-LIYCY6P2075	RLIYCYP09-XX	0.7	11.60 +/- 10%
RSY-LIYCY2P210	RLIYCYP010-XX	0.7	9.30 +/- 10%

Properties																															
Max. Operating Voltage Uo/U: 0.34 mm ² - 250 V 0.50mm ² ~ 0.75mm ² - 300 / 500 V																															
Testing Voltage: 1200 V																															
Insulation Resistance: 200 MΩ.Km																															
Mutual Capacity: 120 nF/Km																															
Impedance: 78 Ω																															
Conductor Resistance: 0.34 mm ² - 53 Ω/KM 0.50 mm ² - 39 Ω/KM 0.75 mm ² - 26 Ω/KM																															
Bending Radius: 10 x D mm																															
Temperature Range: -30°C ~ +70°C																															
Fire Retardant: According to CPR Eca																															
<h3>RoHS GUIDELINE</h3> <p>We operate according to the following standards</p> <table border="1"> <thead> <tr> <th>Control Item</th> <th>Standard</th> <th>Testing Method</th> <th>Testing Equipment</th> </tr> </thead> <tbody> <tr> <td>Cadmium content (Cd)</td> <td><0.01%</td> <td>EN1122</td> <td>ICP-AES</td> </tr> <tr> <td>Lead content (Pb)</td> <td><0.1%</td> <td>EPA3050B</td> <td>ICP-AES</td> </tr> <tr> <td>Mercury content (Hg)</td> <td><0.1%</td> <td>EPA3052</td> <td>ICP-AES</td> </tr> <tr> <td>Chromium (VI) content</td> <td><0.1%</td> <td>EPA3060(UN-VIS)</td> <td>ICP-AES</td> </tr> <tr> <td>Polybrominated Biphenyls(PBB)</td> <td>Forbidden</td> <td>GC/MS</td> <td></td> </tr> <tr> <td>Polybrominated Diphenyl Ether (PBDE)</td> <td>Forbidden</td> <td>GC/MC</td> <td></td> </tr> </tbody> </table>				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	
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