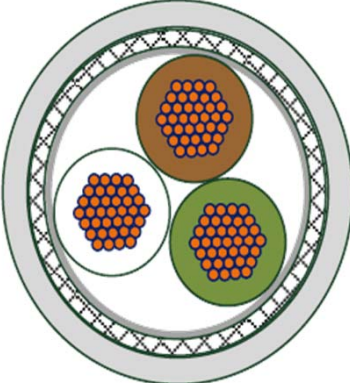


# TECHNICAL DATA SHEET

## ORLIYCY

Reaction to Fire: Eca

SIGNAL CONTROL CABLES

Construction																															
	<p><b>Conductor</b></p> <table border="0"> <tr> <td>Section (mm<sup>2</sup>)</td> <td>0.5</td> <td>0.75</td> <td>1.0</td> <td>1.5</td> </tr> <tr> <td>Diameter (mm)</td> <td>16x0.19</td> <td>24 x 0.19</td> <td>32 x 0.19</td> <td>27 x 0.25</td> </tr> </table>	Section (mm <sup>2</sup> )	0.5	0.75	1.0	1.5	Diameter (mm)	16x0.19	24 x 0.19	32 x 0.19	27 x 0.25																				
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	<p><b>Assembly</b></p> <p>Yarn fillers inside if needed</p>																														
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<p><b>Marking:</b>            SIGNAL CONTROL CABLE ORLIYCYx075 OREANCABLES Eca RLIYCY01-XX WW/YY xxxxxxM            Remark: x-number of insulation wire; XX-Supplier code; WW-Weak; YY-Year;            RLIYCY01-XX - DoP number</p>																															
REFERENCE	Dop Number	Outer Sheath Thickness (Nom. mm)	Outer Sheath Diameter (mm)																												
RSY-LIYCY305	RLIYCY04-XX	0.6	5.35 +/- 10%																												
RSY-LIYCY2075	RLIYCY01-XX	0.6	5.40 +/- 10%																												
RSY-LIYCY4075	RLIYCY02-XX	0.6	6.20 +/- 10%																												
RSY-LIYCY210	RLIYCY03-XX	0.6	5.90 +/- 10%																												
RSY-LIYCY415	RLIYCY05-XX	0.6	7.70 +/- 10%																												
RSY-LIYCY8034	RLIYCY06-XX	0.6	6.15 +/- 10%																												
RSY-LIYCY410	RLIYCY07-XX	0.6	6.73 +/- 10%																												
RSY-LIYCY315	RLIYCY08-XX	0.6	7.10 +/- 10%																												
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<p>Max. Operating Voltage U<sub>o</sub>/U: 300 / 500 V</p> <p>Testing Voltage: 0.50mm<sup>2</sup> ~ 1.0mm<sup>2</sup> - 1200 V 1.5mm<sup>2</sup> - 2500 V</p> <p>Insulation Resistance: 200 MΩ.Km</p> <p>Mutual Capacity: 120 nF/Km</p> <p>Impedance: 78 Ω</p> <p>Conductor Resistance: 0.50 mm<sup>2</sup> - 39 Ω/KM 0.75 mm<sup>2</sup> - 26 Ω/KM 1.0 mm<sup>2</sup> - 19.5 Ω/KM 1.5 mm<sup>2</sup> - 13.3 Ω/KM</p> <p>Bending Radius: 10 x D mm</p> <p>Temperature Range: -30°C ~ +70°C</p> <p>Fire Retardant: According to CPR Eca</p>		<p><b>RoHS GUIDELINE</b></p> <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>&lt;0.01%</td> <td>EN1122</td> <td>ICP-AES</td> </tr> <tr> <td>Lead content (Pb)</td> <td>&lt;0.1%</td> <td>EPA3050B</td> <td>ICP-AES</td> </tr> <tr> <td>Mercury content (Hg)</td> <td>&lt;0.1%</td> <td>EPA3052</td> <td>ICP-AES</td> </tr> <tr> <td>Chromium (VI) content</td> <td>&lt;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 style="text-align: center;">/</td> </tr> <tr> <td>Polybrominated Diphenyl Ether (PBDE)</td> <td>Forbidden</td> <td>GC/MC</td> <td style="text-align: center;">/</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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