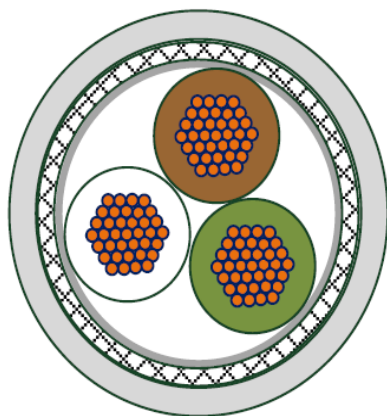


ORLIYCY



Construction



Conductor	Copper
Insulation Color Code	PVC DIN 47100
Assembly Yarn fillers inside if needed	
PET Tape	> 100%
Braiding Coverage	Tinned Copper 65 +/- 3%
Outer Sheath Color	PVC Grey RAL7001

Marking:

SIGNAL CONTROL CABLE ORLIYCYx075 ORSEANCABLES Eca RLIYCY01-XX WW/YY xxxxxxM

Remark: x-number of pair; y-number of insulation wire; XX-Supplier code; WW-Week; YY-Year;

RLIYCY01-XX-DoP number

Reference	Dop Number	Conductor section (mm ²)	Conductor diameter (mm)	Insulation diameter (mm)	Outer Sheath thickness (mm)	Outer Sheath diameter (mm)
RSY-LIYCY305	RLIYCY04-XX	0.50	16x0.19 +/- 0.005	1.70 +/- 0.05	0.6	5.35 +/- 10%
RSY-LIYCY2075	RLIYCY01-XX	0.75	24x0.19 +/- 0.005	1.90 +/- 0.05	0.6	5.40 +/- 10%
RSY-LIYCY4075	RLIYCY02-XX	0.75	24x0.19 +/- 0.005	1.90 +/- 0.05	0.6	6.20 +/- 10%
RSY-LIYCY210	RLIYCY03-XX	1.0	32x0.19 +/- 0.005	2.10 +/- 0.05	0.6	5.90 +/- 10%
RSY-LIYCY415	RLIYCY05-XX	1.5	27x0.25 +/- 0.005	2.50 +/- 0.05	0.6	7.70 +/- 10%
RSY-LIYCY8034	RLIYCY06-XX	0.34	7x0.25 +/- 0.005	1.35 +/- 0.05	0.6	6.15 +/- 10%
RSY-LIYCY410	RLIYCY07-XX	1.0	32x0.19 +/- 0.005	2.10 +/- 0.05	0.6	6.73 +/- 10%
RSY-LIYCY315	RLIYCY08-XX	1.5	27x0.25 +/- 0.005	2.50 +/- 0.05	0.6	7.10 +/- 10%
RSY-LIYCY215	RLIYCY09-XX	1.5	27x0.25 +/- 0.005	2.50 +/- 0.05	0.6	6.70 +/- 10%

CONTROL CABLES

TECHNICAL DATA SHEET

Properties

Max. Operating Voltage U_0/U : 300/500 V
Testing Voltage: 0.50 mm² ~ 1.0mm² - 1200 V
1.5 mm² - 2500 V
Min. Insulation Resistance: 200 MΩ.Km
Max. Mutual Capacity: 120 nF/km
Impedance: 78 Ω
Conductor Resistance: 0.50 mm² - 39 Ω/KM
0.75 mm² - 26 Ω/KM
1.0 mm² - 19.5 Ω/KM
1.5 mm² - 13.3 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/MS	