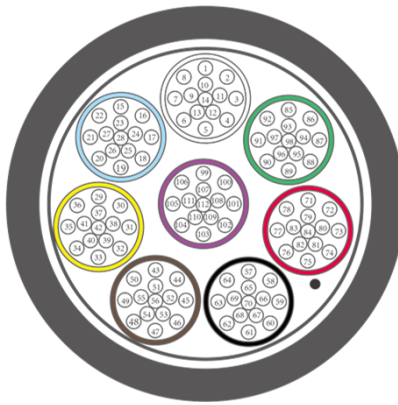


# TECHNICAL DATA SHEET

## ORSYT1xPAWG24GR

Reaction to Fire: Eca

Telephone cable xP AWG24 Copper

Construction																																						
	<p><b>Conductor</b> Diameter</p> <p><b>Insulation</b> Diameter</p> <p><b>PET Tape</b></p> <p><b>Drain Wire</b> Diameter</p> <p><b>AL/PET Tape (AL inside)</b></p> <p><b>Rip Cord</b></p> <p><b>Outer Sheath</b> Color</p>	<p><b>Copper</b> AWG 24</p> <p><b>PE</b> 0.83 +/- 0.02 mm</p> <p><b>&gt; 100%</b></p> <p><b>AL</b> 0.41 +/- 0.01 mm</p> <p><b>&gt; 100%</b></p> <p><b>PVC</b> Grey RAL7001</p>																																				
	<p><b>Marking:</b>            SYT 1 1 PAIR AWG 24 OREANCABLES Eca RSYT01-XX WW/YY xxxxxxM            SYT 1 x PAIRS AWG 24 OREANCABLES Eca RSYT03-XX WW/YY xxxxxxM            Remark: x-number of pair; XX-Supplier code; WW-Weak; YY-Year;            RSYT01-XX-DoP number</p>																																					
	Properties																																					
	<p>Max. Voltage Endurance: 180 V</p> <p>Temperature Range: -10°C ~ + 70°C</p> <p>Dielectric Strength : DC 1500V during 1 min.</p> <p>Insulation Resistance : 1500 MΩ.Km</p> <p>Conductor Resistance: 101 Ω/KM</p> <p>Fire Retardant: According to CPR Eca</p>	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">RoHS GUIDELINE</th> </tr> <tr> <th colspan="4">We operate according to the following standards</th> </tr> <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>	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	/
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**Thickness, Diameter & Colour code**

REFERENCE	Dop Number	Thickness +/- 10% (mm)	Diameter +/- 10% (mm)
RSY-TEL124PC	RSYT01-XX	0.4 / 0.6	3.25
RSY-TEL224PC	RSYT02-XX	0.4 / 0.6	3.90
RSY-TEL324PC	RSYT03-XX	0.4 / 0.6	4.50
RSY-TEL524PC	RSYT04-XX	0.4 / 0.6	4.70
RSY-TEL724PC	RSYT05-XX	0.6 / 0.8	5.80

**Colour of bundles binder :**

Bundle N	1	2	3	4	5	6	7	8
Colour	White	Blue	Yellow	Brown	Black	Red	Green	Purple

**Construction of bundles according to pairs number :**

Number of pairs	Assembly of bundles	Number of pairs	Assembly of bundles
7	1 bundle of 7 pairs	10	1 bundle of 10 pairs
15	1 bundle of 15 pairs	21	3 bundle of 7 pairs
30	4 bundle of 7 pairs + 2 pairs	56	8 bundle of 7 pairs / 4 bundle of 14 pairs
112	8 bundle of 14 pairs		

**Cables with number of pairs from 1 to 112 :**

Pair N	Wire 1	Wire 2	Pair N	Wire 1	Wire 2	Pair N	Wire 1	Wire 2	Pair N	Wire 1	Wire 2
1	Light Blue	White	29	Light Blue	White	57	Light Blue	White	85	Light Blue	White
2	Light Blue	Blue	30	Light Blue	Blue	58	Light Blue	Blue	86	Light Blue	Blue
3	Light Blue	Yellow	31	Light Blue	Yellow	59	Light Blue	Yellow	87	Light Blue	Yellow
4	Light Blue	Brown	32	Light Blue	Brown	60	Light Blue	Brown	88	Light Blue	Brown
5	Light Blue	Black	33	Light Blue	Black	61	Light Blue	Black	89	Light Blue	Black
6	Light Blue	Red	34	Light Blue	Red	62	Light Blue	Red	90	Light Blue	Red
7	Light Blue	Green	35	Light Blue	Green	63	Light Blue	Green	91	Light Blue	Green
8	Grey	White	36	Grey	White	64	Grey	White	92	Grey	White
9	Grey	Blue	37	Grey	Blue	65	Grey	Blue	93	Grey	Blue
10	Grey	Yellow	38	Grey	Yellow	66	Grey	Yellow	94	Grey	Yellow
11	Grey	Brown	39	Grey	Brown	67	Grey	Brown	95	Grey	Brown
12	Grey	Black	40	Grey	Black	68	Grey	Black	96	Grey	Black
13	Grey	Red	41	Grey	Red	69	Grey	Red	97	Grey	Red
14	Grey	Green	42	Grey	Green	70	Grey	Green	98	Grey	Green
15	Orange	White	43	Orange	White	71	Orange	White	99	Orange	White
16	Orange	Blue	44	Orange	Blue	72	Orange	Blue	100	Orange	Blue
17	Orange	Yellow	45	Orange	Yellow	73	Orange	Yellow	101	Orange	Yellow
18	Orange	Brown	46	Orange	Brown	74	Orange	Brown	102	Orange	Brown
19	Orange	Black	47	Orange	Black	75	Orange	Black	103	Orange	Black
20	Orange	Red	48	Orange	Red	76	Orange	Red	104	Orange	Red
21	Orange	Green	49	Orange	Green	77	Orange	Green	105	Orange	Green
22	Purple	White	50	Purple	White	78	Purple	White	106	Purple	White
23	Purple	Blue	51	Purple	Blue	79	Purple	Blue	107	Purple	Blue
24	Purple	Yellow	52	Purple	Yellow	80	Purple	Yellow	108	Purple	Yellow
25	Purple	Brown	53	Purple	Brown	81	Purple	Brown	109	Purple	Brown
26	Purple	Black	54	Purple	Black	82	Purple	Black	110	Purple	Black
27	Purple	Red	55	Purple	Red	83	Purple	Red	111	Purple	Red
28	Purple	Green	56	Purple	Green	84	Purple	Green	112	Purple	Green